wvOASIS

Procurement | Budgeting | Accounts Receivable | Accounts Payable

Welcome, Robert M Ross

Solicitation Response(SR)   Dept: 0947   ID: ESR12272200000002954   Ver.: 1   Function: New   Phase: Final   ▼   Modified by batch , 12/29/2022

Header 🔗 4

List View

| General Information | Contact | Default Values | Discount | Document Information | Clarification Request |

Procurement Folder: 1137631

Procurement Type: Central Master Agreement

Vendor ID: VS0000010650

Legal Name: DATAVIEW CONSULTING LLC

Alias/DBA:

Total Bid: $3,131,070.00

Response Date: 12/27/2022

Response Time: 9:02

Responded By User ID: bmohsine

First Name: Mohsine

Last Name: Badre

Email: mo.badre@dataview.com

Phone: 6462206008

SO Doc Code: CRFQ

SO Dept: 0947

SO Doc ID: ERP2300000002

Published Date: 12/20/22

Close Date: 12/29/22

Close Time: 13:30

Status: Closed

Solicitation Description: Addendum No.1 ERP Nightly Cycle Services& Staff Augmentation

Total of Header Attachments: 4

Total of All Attachments: 4

Proc Folder:	1137631
Solicitation Description:	Addendum No.1 ERP Nightly Cycle Services& Staff Augmentation
Proc Type:	Central Master Agreement

Solicitation Closes	**Solicitation Response**	**Version**
2022-12-29 13:30	SR 0947 ESR12272200000002954	1

VENDOR
VS0000010650 DATAVIEW CONSULTING LLC

Solicitation Number:	CRFQ 0947 ERP2300000002				
Total Bid:	3131070	**Response Date:**	2022-12-27	**Response Time:**	09:02:33
Comments:					

FOR INFORMATION CONTACT THE BUYER
Toby L Welch
(304) 558-8802
toby.l.welch@wv.gov

Vendor
Signature X   **FEIN#**   **DATE**

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Project Based Initiatives per the attached specifications				3131070.00

Comm Code	Manufacturer	Specification	Model #
81111507			

Commodity Line Comments:

Extended Description:

Vendors to add the Total Bid Amount as the Unit Price and upload the Exhibit A - Pricing Page as an attachment

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Project Based Initiatives per the attached specifications				

ADDENDUM ACKNOWLEDGEMENT FORM
<u>SOLICITATION NO.:</u> CRFQ ERP23*002

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

<u>Addendum Numbers Received:</u>
(Check the box next to each addendum received)

[x] Addendum No. 1	[ ] Addendum No. 6
[ ] Addendum No. 2	[ ] Addendum No. 7
[ ] Addendum No. 3	[ ] Addendum No. 8
[ ] Addendum No. 4	[ ] Addendum No. 9
[ ] Addendum No. 5	[ ] Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Dataview Consulting LLC
_____
Company

Badre moheue
_____
Authorized Signature

12/24/2022
_____
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.
Revised 6/8/2012

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title) ___Mohsine Badre, Partner___

(Address) ___1634 King St, Lacrosse, WI 54601___

(Phone Number) / (Fax Number) ___(646) 220-6008___

(Email address) ___Mo.Badre@Dataview.com___

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through *wv*OASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Dataview Consulting LLC
_____
(Company)
~~Badre mohsine~~
_____
(Signature of Authorized Representative)
Mohsine Badre, Partner 12/24/2022
_____
(Printed Name and Title of Authorized Representative) (Date)
(646) 220 - 6008
_____
(Phone Number) (Fax Number)
Mo.Badre@Dataview.com
_____
(Email Address)

		Exhibit A - Pricing Page			

Nightly Cycle and Project Needs

RFQ Item #	Description	Unit Price (Monthly Price)	Quantity (months)	Extended Price (Annual Price)
3.1.1	Nightly Cycle Operations (2-years)	$14,000.00	24	$336,000.00
3.1.1	Nightly Cycle Operations (optional renewal - year 3)	$15,000.00	12	$180,000.00
3.1.1	Nightly Cycle Operations (optional renewal - year 4)	$15,000.00	12	$180,000.00
3.1.1	Nightly Cycle Operations (optional renewal - year 5)	$16,000.00	12	$192,000.00
	Subtotal (Section A) Nightly Cycle and Project Needs			$888,000.00

Staff Augmentation Pricing

RFQ Item #	Title	Estimated Quantitiy (Onsite)	Onsite Hourly Rate	Estimated Quantity (Offsite)	Offsite Hourly Rate	Extended Price
3.1.2.1	Project Manager	2340	$190.00	780	$160.00	$569,400.00
3.1.2.2	Technical Lead	780	$185.00	260	$155.00	$184,600.00
3.1.2.3	Business Objects / Power BI Admin and Architect	260	$150.00	780	$120.00	$132,600.00
3.1.2.4	ASP.Net Solutions Architect / Development Lead	1	$150.00	400	$120.00	$48,150.00
3.1.2.5	ASP.Net Developer	1	$125.00	400	$100.00	$40,125.00
3.1.2.6	ERP Technical Staff / Developer / Analyst	1	$150.00	480	$120.00	$57,750.00
3.1.2.7	BI Report Developer	1	$125.00	480	$100.00	$48,125.00
3.1.2.8	Change Lead	240	$185.00	1056	$155.00	$208,080.00
3.1.2.9	Technical Manager	480	$150.00	2016	$120.00	$313,920.00
3.1.2.10	Junior Developer / Analyst	480	$120.00	2016	$90.00	$239,040.00
3.1.2.11	Functional Subject Matter Expert (SME)	480	$185.00	2016	$155.00	$401,280.00
	Subtotal (Section B) Staff Augmentation Price Sheet					$2,243,070.00
	TOTAL BID AMOUNT (Sum of Section A and B)					$3,131,070.00

*All pricing includes travel charges, quantities are estimates for evaluation purposes only

Dataview Consulting

December 20th, 2022

Enterprise Planning Board,
1007 Bullitt Street
Suite 400
Charleston, WV 25305

RE: RFQ # ERP2300000002

Dear Mr. Welch,

Dataview Consulting is pleased to respond to your RFQ ERP2300000002 to provide ERP Nightly Cycle Services and Staff Augmentation for wvOASIS ERP system. For the past eight years, Dataview Consulting has been successfully providing services to the wvOASIS project and other WV agencies. Dataview is also currently providing similar operational support and staff augmentation service to other government entities such as State of Alabama – Department of Finance and LACOE (Los Angeles County Office of Education). Dataview team has 75+ combined years of experience in implementing and supporting large and complex ERP implementations.

For this engagement, The Dataview team will provide services in supporting the operations of wvOASIS which includes, CGI Advantage Financial, CGI Advantage Budgeting, CGI Advantage HRM/Payroll, CGI infoAdvantage, Kronos, HUB Application, DNR Land and Streams Permitting and other third-party products included in this RFQ. Dataview is looking forward to performing this work and partnering with the State of West Virginia.

We appreciate the opportunity to continue our service to the wvOASIS and the State of West Virginia. Should you have any questions on our proposal or require any further information, please feel free to contact me at (646) 220-6008.

I will also serve as Contract Administrator, and I may be reached at mo.badre@dataview.com or (646) 220-6008. Our mailing address is:

> Dataview Consulting
> Attn: Mo Badre
> 1634 King St,
> Lacrosse, WI 54601

Sincerely,

Mohsine Badre, Partner
Dataview Consulting LLC

PROPOSAL TO:

**State of West Virginia
Enterprise Response Planning
Board**

Proposal:
ERP Nightly Cycle Services and
Staff Augmentation

RFQ ERP2300000002

SUBMITTED:
December 20th, 2022

Dataview Consulting LLC
1634 King St,
Lacrosse, WI 54601

Dataview
Consulting

TABLE OF CONTENTS

Section 1:   INTRODUCTION

Dataview Consulting LLC is pleased to present this proposal to the West Virginia Enterprise Planning Board to provide Nightly Cycle Services and Staff Augmentation services.

The remainder of this section provides background information on Dataview. Subsequent sections provide our understanding of the work to be performed, along with our project approach, and resumes.

1.1.   DATAVIEW BACKGROUND

Dataview has been solely focused on Public Sector software development and consulting since 2013, working with multiple States and Agencies. Prior to joining Dataview, our founders and principals have experience working on projects for large public sector clients, such as City of New York, State of New Jersey, State of Massachusetts, Colorado Department of Transportation, Maricopa County / Maricopa County Department of Transportation and U.S. Department of Energy. The founders of Dataview and its key staff have a combined 75+ years of experience implementing and supporting large and complex Commercial Off-The-Shelf (COTS) Enterprise Resource Planning (ERP) products as well as extensive experience with the design and development of custom solutions for the public sector.

Dataview Consulting LLC has consulting experience that aligns perfectly with the requirements and scope of work in this RFQ. We have extensive public sector experience in providing temporary IT Professionals for supporting CGI Advantage ERP application, developing web based custom applications, implementing COTS (commercial off-the-shelf applications), integrating ERP systems, building technical infrastructures, business intelligence and data warehousing. Our versatile staff are experts in multiple technologies, including JAVA, C#, .Net, Angular, Oracle, and SQL Server. Our experience spans across multiple functional and technical disciplines, and we provide the following services to our customers:

- Consulting services across multiple business and technical areas
- Infrastructure support and maintenance services
- Business Process Improvement
- Data Conversion strategies
- Data Integration and interfaces
- Business Intelligence and Data Warehouse
- Services for custom software development
- Managed services for production and non-production environments

For the past eight years, Dataview has been engaged in the wvOASIS project supporting Nightly Cycle Processing, providing functional and technical support for wvOASIS ERP systems including Financials, HRM, Prelim Application and doing custom software development. Below are some of the services Dataview has provided to the wvOASIS project.

- State of WV ERP Board (2014 – Present) – Nightly Cycle Operational Support for CGI Advantage HRM and Financial ERP application, System Administration, ERP Implementation, Project Management and Software Development
- State of WV DOT (2015 – Present) – Consulting Services and Application Development
- State of WV Department of Natural Resources DNR (2021 – Present) - Consulting Services and Application Development

We would like to highlight some of our other clients and relevant experience:

- State of Alabama – Department of Finance (2017 – Present) – Operational Support for CGI Advantage Financial ERP system, Application Upgrade, Infrastructure Upgrade, System Administration and Software Development
- LA County Office of Education (2018-Present) – Business Intelligence development for Budget, HR and Financial using infoAdvantage and Power BI
- State of California Caltrans Department (2014-15) – CGI FIN ERP Infrastructure Upgrade, Interface upgrade and Business Intelligence upgrade

Dataview is committed to helping the West Virginia ERP Board to staff their projects with the right resources with the relevant skills.   Dataview will bring a practical approach to the IT Consulting Services that leverages respected industry best practices and includes the experience gained over the last nine years, working with the State of West Virginia ERP planning board on multiple successful engagements.

Section 2:   UNDERSTANDING OF THE PROJECT

2.1.   UNDERSTANDING OF wvOASIS NEEDS

wvOASIS project has been live since Fiscal year 2015 when both the ERP Vendor and Dataview had been supporting the operations of wvOASIS. Since 2016 Dataview filled the vacant positions and took full responsibility of supporting the wvOASIS technical team with the technical tasks of wvOASIS. Currently the Dataview Technical team augments the State of West Virginia Technical Staff in the maintenance and operations of Financial, HRM/Payroll and Vendor/Employee self-serve ERP System. Dataview provides distributed team operational staff, Application Developers, Functional Domain experts, BI Architects and Application Technical architects who provide 24/7 operational support of the Statewide Financial ERP System, including running of the nightly batch cycles, design and development of custom applications for State Agencies, design and develop data warehouse solutions and BusinessObjects reports and universes as well as Microsoft Power BI.

Our understanding of the scope of this proposal is for the Dataview team to provide the same services as it currently does in both operational tasks and staff augmentation.

Below is a summary of the services requested in the RFQ:

- Provide Nightly Cycle Support for
    - wvOASIS Financial and HRM Production, UAT and IST Nightly Cycle
    - HRM Production Payroll Nightly Cycle

- Provide Staff augmentation
    - Technical & Operational support activities for
        - Advantage Financials (FIN)

- Vendor Self-Serve (VSS)
- Advantage budgeting (AB) / (CPMS)
- Advantage HRM/Payroll (HRM)
- Kronos
- infoAdvantage – Business intelligence (BI)

o Project Management
- Project Management staff for ongoing wvOASIS initiatives such as TTIMEI rollout, Travel rollout, Deighton Maintenance Management Integration
- Additional staff for any new initiatives

o Staff for design, development and operational support for other initiative's including:
- HUB Capital Project Management System
- DNR Land & Streams Permitting
- Payroll Prelim Application
- Power BI

Additionally, Dataview will work with the State management team to identify other staffing needs and timelines in order successfully staff and implement additional project initiatives in an efficient manner and without any disruption to the State conducting its business using wvOASIS.

2.2.   PROPOSAL

2.2.1 Scope Summary

The Dataview team has the institutional knowledge and know-how to provide the services listed in this RFQ. Dataview is committed to providing resources who have a deep understanding of the ERP products as well resources who are familiar with West Virginia business processes that no other vendor can match. Dataview is proposing the following services in this proposal:

2.2.1.1 Nightly Cycle Support

Dataview will provide experienced resources for the execution of the Nightly processes for production and non-production cycles at a fixed price as show in the pricing spreadsheet. The nightly operations consist of running the various nightly cycles as well as monitoring nightly scheduled jobs. The cycles will continue to be executed by offsite team members to take advantage of the 24x7 operations window. **Exhibit 1** describes the specifics of the nightly cycles and the scope of support.

Exhibit 1 - Nightly Operations Scope

Activity	Description	Scope

Financial Nightly Cycle	Nightly execution of the Financial Monday-Friday nightly cycle	• Execution and Monitoring of the Monday, Daily and Weekly Cycles as currently setup in Production, UAT and IST, Monday to Friday. • Monitoring of Saturday (SA) and Sunday Cycles (ETL). • Monitoring of Nightly FIN ETL Cycle • Initial triage and troubleshooting of issues with escalation to State functional and technical teams
HRM Daily Cycles	HRM Daily Cycle 1 and Daily Cycle 2	• Monitoring of the automated HRM Cycles 7 days (Mon-Sun) • Initial triage and troubleshooting of issues with escalation to State functional and technical teams
Prelim Cycle Execution	Execution of the Tuesday, Wednesday and Thursday Prelim Cycles	Execution and Monitoring of the Tuesday, Wednesday and Thursday Prelim Cycle every other week when monitoring/execution turned over by the State Team in the evening.
Payroll Cycle Execution	Execution of the biweekly Payroll	Friday execution of Payroll Cycle steps once monitoring/execution turned over by the State Team.

The nightly cycle support team will provide status updates of start, progress and completion of the night cycle via emails to the State team to keep them appraised of progress. During any maintenance period, the team will coordinate the start and stop of cycles based on the maintenance and patching schedules.

Dataview is proposing the following Nightly Cycle Operations staff.

Resource Name	Role	Skill Summary
Mamata Giri	Operations Lead	6+ years managing wvOASIS ERP Nightly Cycles
Debasis Patra	Senior Operations Staff	5+ Years managing Financial ERP Nightly Cycle
Sadiq Ahmed	Senior Operations Staff	5+ Years managing Financial ERP Nightly Cycle
Jagan Battu	Operations Manager	15+ years of managing ERP Operations

2.2.2   Staff Augmentation

2.2.2.1 Technical & Operational Support Staff augmentation

The Technical and Operational Staff will augment the State Technical team and provide support to the system software, application software and 3rd Party software required for the operation and management of the wvOASIS Enterprise IT environment.

The application support will include the following activities:

- Assist State Functional and Technical Team in Design and Code Review
- Assist State Developers with Budget, FIN and HRM development
- Assist in troubleshooting Production issues
- BIRT Forms Printing Software upgrade and configuration
- 1099 Convey Printing Support
- Troubleshoot ECM and ePay Integration
- InfoAdvantage ETL and infoAdvantage Data Warehouse

The support will include the following major components of the wvOASIS ERP system:

- JBoss Application Server and HTTP Servers
- JIRA
- SOS Job Scheduler
- BIRT
- BusinessObjects
- Pervasive Data Integrator

In addition, to the software components listed above, Dataview will provide Technical Architects and Subject Matter Experts to support the various wvOASIS Applications. As part of the support services, Dataview will provide support for the following applications:

- FIN, HRM, Budget
- UKG
- Business Intelligence
- Data Warehousing

 Dataview will provide the following additional services to support the application including:

- *Application Issue Research* – The team will assist the State functional and technical team in researching and troubleshooting of ERP application issues and collecting defect information to report issue to software vendor. Dataview team will also assist Help Desk in reviewing and triaging Production issues for the listed applications.
- *Performance Tuning* – Monitor application and nightly cycle performance and work with State and software vendors to identify solution
- *Interface Setup and Testing* – Assist in setup and testing of existing and new interface scripts.

- *Batch Setup* – The team will help with setting up Job Scheduler, developing shell scripts, developing, and testing nightly cycle scripts
- *Support ETL Processes* – Monitoring and tune ETL processes as required
- Support reporting issues raised by ERP team and agencies
- *Conversion and Load* - The team will help ERP staff by developing various spreadsheets to format and load document and table XML files as well as any SQL scripts.
- Support for in-bound and out-bound interfaces
- Support for BIRT forms

The Dataview technical staff consists of senior Technical Architects, who have worked extensively on Statewide ERP implementations on various operational, development, integration activities. The attached resumes of the technical team highlight the experience.   Dataview is proposing the following team for ERP Support:

➔ **Sanjeev Musafir – ERP Application Architect (Technical Manager)**

Before founding Dataview Consulting, LLC. Sanjeev worked for 14 years at CGI on the Advantage product.   Sanjeev's experience includes technical lead/architect for the West Virginia Statewide ERP and City of New York Advantage implementation. Sanjeev is well known throughout the United States for his expertise with the Advantage product.   Sanjeev has been supporting the wvOASIS ERP project as part of the Dataview team since 2015.

➔ **Mohsine (Mo) Badre – ERP Application Architect (Technical Manager)**

Before founding Dataview Consulting, LLC. Mo also worked for 20 years at CGI on the Advantage product. Mo's experience includes BI, data integration, custom modification to the Advantage product. Mo has been supporting the wvOASIS ERP project as part of the Dataview team since 2014.

➔ **Hassan Ajmal – Middleware Administrator (Technical Lead)**

Hassan is a top-performing, high level IT professional, who's earned a successful track record in the areas of software engineering, software development, and network design for well-known organizations. He has extensive experience in WebSphere Administration, Performance Tuning and Application Architecture design. Hassan has been supporting the wvOASIS ERP project as part of the Dataview team since 2016

➔ **Jiju Jagadish – Business Objects and DW Administrator (Business Objects Architect)**

Jiju has 17+ years experienced Business Intelligence and Data Warehousing for ERP solution, with extensive experience using tools like SAP BO 4.x and Power BI. Jiju has been supporting the wvOASIS ERP project as part of the Dataview team since 2017.

➔ **Nazeem Mohammed –Business Objects and BIRT Forms Developer (Technical Lead)**

Nazeem has 15+ years of technical experience in various BI and Software development roles. His expertise includes Business Intelligence, ETL, Data Analysis, Data Mining and Data modeling. Nazeem has been supporting the wvOASIS ERP project as part of the Dataview

team since 2019, assisting in areas of BIRT forms design and development, BI and custom application software development.

Dataview is proposing the same number of support hours per year as currently provided (up to 350 hours per month / 4200 hours per year) to provide the above-mentioned services with the pricing listed in the price worksheet. Additional services and support can be provided with allocating of additional hours based on the pricing worksheet.

2.2.2.2 Project Management Staff augmentation

Dataview will provide Project Managers for wvOASIS Initiatives such as TIMEI rollout, Travel System, Deighton Maintenance Project rollout based on the pricing worksheet. The Dataview team is currently providing the following project management services and is proposing similar services as part of this RFQ:

- Coordinate internal resources and third parties/vendors for successful project implementation
- Ensure that all projects are delivered on-time, within scope and within budget
- Developing project scopes and objectives, involving all relevant stakeholders and ensuring technical feasibility
- Develop a detailed project plan to track progress and ensure resource availability and allocation
- Use appropriate verification techniques to manage changes in project scope, schedule and costs
- Perform risk management to minimize project risks and report and escalate to management as needed
- Create and maintain comprehensive project documentation

Dataview is proposing the following resource for the Project Management staff augmentation.

➔ **Randy Stephenson – Project Manager**

Randy has proven expertise in Management with over 40 years of experience with increasing responsibility. Randy has been supporting project management needs for various wvOASIS ERP initiatives including Advantage ERP upgrade from 3.9 to 3.11, DOH Time & Leave Implementation, DOH Maintenance Management implementation, and ERP Travel Implementation.

Based on request from the State team for new initiatives and project requirements, additional staff will be provided.

2.2.2.3 Software Development Staff augmentation

Dataview will provide staff augmentation and continue to provide the following services for the DOH Hub Project, DOH Dashboard Cost Estimates, DNR Land & Stream Permitting systems and any other new software development initiatives. The Dataview staff will provide the following services:

- *Project Management* - Deliver project using project management methodology. Iterative Agile development to collaboratively build product and refine scope during project implementation. Project

Management services to cover all aspects of Project Management from Project Initiation & Monitoring to Project Closing

- *Software Design and Development* – Collaborate with State team to create the necessary agile development artifacts such as Release Plans, Product Backlogs and Sprint Backlogs.

- *Testing/QA* – Follow a Test Driven Development methodology where Software development process relying on software requirements being converted to test cases before software is fully developed and tracking software development by repeatedly testing the software against all test cases.

- *Production Operations* – Maintain and Manage production and non-production environments in the wvOASIS infrastructure

- *Production Issues Support* – Work with State project teams to log, triage, troubleshoot and fix any application issues

- *Subject Matter Experts* – Provide seniors SME's who have domain specific knowledge of Agency processes including external activities such as FHWA certification,

Dataview will provide the following staff to deliver the above mentioned services

Resource Name	Role	Area of focus
Sean Burner	Project Manager	DOH SME and Scrum and Agile Project Management Development
Olga Ekberg	Functional Subject Matter Expert (SME)	FHWA/DOH SME, HUB Application SME and wvOASIS ERP SME
Ryan Brown	Functional Subject Matter Expert (SME)	DOH HUB Application SME
Serge Kostyshyn	Functional Subject Matter Expert (SME)	Financial ERP SME, HUB Application SME
Abhishek Harish	Functional Subject Matter Expert	HRM/Payroll ERP SME
Udaya Chuliat	ASP.Net Solutions Architect/Development Lead	HUB Application Development
Pramod Sahoo	ASP.Net Solutions Architect / Development Lead	HUB Application Development
Naresh Kumar	ASP.Net Developer	HUB Application Development
Manisha Sharma	ASP.Net Developer	HUB Application Development

Abusheak Mohamad	Junior Developer / Analyst	HUB QA Testing
Ashok Kumar	ASP.Net Developer	DNR L&S Application Development
Tim Stutes	Technical Lead	HUB Interfaces and Integration
Chad Alford	ASP.Net Solutions Architect / Development Lead	HUB and DNR Production Infrastructure &Operations

2.2.3 Assumptions

- Dataview will invoice the State at the end of each month. Payments will be made within 30 days net.

- Up to 25% onsite availability.

- Nightly Cycle Execution will be done by offsite resource with support provided by additional offsite and onsite resources.

2.2.4 Rate increase

Dataview would like to increase the rate by 5% after the first two years of the contractual agreement. This will help in adjusting to living costs and travel costs.

Section 3:   PROPOSED PROJECT TEAM

3.1. INTRODUCTION TO PROJECT TEAM

Dataview is proposing a very qualified and experienced project team that includes individuals who provided project management and IT consulting services to Caltrans. Attached are the resumes of the team.

3.2.   STAFF RESUMES

Nightly Cycle Operations

Resume – Mamata Giri

Summary of Qualifications

Over 22+ years of experience in Software Quality Assurance, predominantly in the areas of Software Quality Management, Project Management, Lab Setup and Management, Budget Management, Technical Support, Team Building, Operations and Test Automation. 6+ years with Dataview Consulting Inc leading Nightly Cycle Operations and test management. Extensive knowledge of Test Life Cycle, Testing Methodologies like Agile testing, Waterfall Methodology and customized method of Agile and Waterfall. Analyzing test data, writing test strategy, test scenarios, preparing defect reports, and enhancing test coverage is one of my strengths. Hands-on experience by applying various testing methodologies on Storage, Security and ERP domain products. 6+ years using SOS Job Scheduler to execute and monitor operation cycles.

Professional Experience

Nightly Operations Lead,
Dataview Consulting,
May 2016 till date

- Manage multiple operational and technical support for West Virginia's ERP system.
- Monitor and execute Production Financial and HRM Nightly Cycles using SOS Job Scheduler.
- Support State team in executing and monitoring Production HRM Payroll and Prelim Cycles
- Provide initial analysis and troubleshooting of Nightly Issues and escalate to technical team
- Coordinate Cycle activities with Onsite teams.
- Monitoring HUB nightly cycles.
- Testing HUB functionality, Creating Test suites, Test planning and leading QA effort for HUB application.
- Working with automation QA using Test Studio

Project Manager (Consultant) , CGI Technologies and Solutions Inc., Bangalore, India March 2014 – January 2016.

Managed multiple releases (baseline code, custom releases and upgrade programs) for CGI Advantage Product in parallel. Contributed in enhancing automation framework by correcting existing functionality and adding new functionality. Process improvement in resource allocation across deliverables. Within a span of 1 year 10 months, contributed in increasing the team's revenue by 16% (team size grew from 45 to 75). Other responsibilities included:

- Provide support of Nightly cycle & Interface cycle. Educated team to monitor and support cycle actively.
- Improve the performance of the nightly cycle to make sure cycle completes within certain limit to bring online on time to avoid hitting of any SLA.
- Co-ordinate with PSMAG team for online/offline issues, migration and operation activities as needed.
- Making sure online productions issues are addressed as quickly as possible.

PRIOR EXPERIENCE
Senior SQA Manager, **Symantec Software (P) Ltd., Pune, India, December 2011 to September 2012**

Symantec Protection Centre IPAD app developed for CISO to get latest updates about security risks to business

operations which would then be used to communicate these risks to stakeholders and drive action across the organization for managing risks. The deployment was cloud based application with an on-prem server installation. Team setup, hardware management, product testing using agile methodologies, performing a role of Scrum master and Beta coordinator were some of the responsibilities.

Awarded Applause award for successfully handling beta program.

Senior SQA Manager, **Symantec Software (P) Ltd., Pune, India**, **December 2010 - November 2011**

Symantec Protection Centre 2.0 on-prem**,** helped to centralizes security reporting and management across both Symantec and third-party products, aggregated security data from multiple products and made this data available in a dashboard and cross-product reports

Spearheaded and setup a new team **(in 3 months 18 candidates were selected)**, developed a robust plan to ensure that the team was productive within a short time frame. Delivered the product using Agile methodology.

Senior SQA Manager, **Symantec Software (P) Ltd., Pune, India**, **June 2009 – December 2010**

Symantec™ Security Information Manager provides real-time event correlation and data archiving to protect against security threats and to preserve critical security data.

Efficiently managed QA managers and for various releases in parallel. Test planning, test execution and defect management were some of the responsibilities. Transitioned the testing process from Waterfall methodology to agile methodologies by taking appropriate training.

Senior QA Lead-Manager SQA- Senior SQA Manager, **Symantec Software (P) Ltd., Pune, India**, **November 2005 - June 2009**

Messaging and Web Security Business Unit : Managed Quality managers, managing Quality deliverables for 7 products simultaneously. Successfully implemented common processes across all the products. Right from requirement analysis, comparative analysis to test planning, execution and release planning was my responsibility. Lab management (Grey Lab) consisting of 250+ high end servers.

Some of the products that I managed were Symantec Mail Security for Domino, Symantec Mail Security for Exchange, Symantec™ Protection for SharePoint® Servers, Symantec™ Scan Engine and Symantec Web Security for firewall servers. Extensively worked on developing automation for all the listed products using Selenium.

QA Engineer - Senior QA Lead - VERITAS Software Private Limited, India, September 2000 - November 2005

VERITAS Volume Replicator (VVR) was data replication software designed to contribute to an effective disaster recovery plan. Responsible for defining QA processes, scoping defining, planning of resources (people and hardware) Test planning, test execution and defect management. Hands-on experience in developing backend automation scripts using TCL/TK and MKS tool kit for executing SH scripts on windows. Introduced process like Feature description document in the project

Developed a diagnostic tool using vbscript for the collecting all the logs and necessary information of the product.

VERITAS Volume manager was for providing a comprehensive solution to storage management in an integrated graphical view. Responsible for testing and writing test cases for product licensing feature

Worked as a Build engineer and was and built an executable using Install shield professional 5.0.

Automated build process and also fixed build related defects.

Assoc QA Engineer - VERITAS Software Private Limited, India, Client Netscout Pvt (USA) October 1999 - May 2000

Coordinated the q/a activities between Webcast 3.1 Q/A and Netscout Q/A. Responsible for testing and reporting the problems found while testing the following agents with various browsers.

Assoc QA Engineer - Frontier Software PVT Ltd. Client Netscout Pvt (USA), June 1999 - October 1999
Involved in testing the NT agent on 4.0 workstations with various configurations like 2 machines of 166 MHz, one of 200 MHz and a dual processor with 450 MHz each.

Assoc QA Engineer - Frontier Software PVT Ltd. Client - W&G Plymouth February 1999 - June 1999
The HFC (Harrier Foundation Class) Library was an object oriented class library, written in C++, developed by WGP team. It is used to develop GUI applications on the Commander (an embedded system) platform, which works under VxWorks
Efficiently tested the Application GUI interfaces for HFC-TUT. The tutorials were similar to MFC applications

Assoc QA Engineer - Frontier Software PVT Ltd. Client - W&G Plymouth, November 1998 - February 1999
Webcast provides daily, weekly and monthly reports that summarize the network data and trends for managing mission critical application flows. Spearheaded as a Q/A for testing the Logging Agent daemon.

Assoc QA Engineer - Frontier Software PVT Ltd. Client - W&G Plymouth, February 1997 - October 1998.
Frontline manager was a product of Manage Inc. It was a Java based intranet management tool. Associate QA engineer to test the product on 5 different platforms (Win98, WinNT, HP, Solaris and AIX)

Education

- M.S in Software Systems from Bitts Pilani, CGPA – 7.30, 2002.
- B.E (Electronics and Telecommunication) from Pune University in 1997.

Resume - Debasis Patra

Summary of Qualifications

- 9+ Years of IT experience in 24/7 Production Support.
- Strong knowledge of MS SQL, UNIX, Shell Scripting.
- Involved in code level investigation of the jobs (UNIX, Shell Scripting).
- 5+ years of managing ERP cycles using SOS Job Scheduler
- Excellent commitment, dedication and planning towards goal-oriented tasks and problem-solving skill with good interpersonal and communication skills.

Professional Experience

Dataview,
Senior Operations Staff
12/2017– Present

Project: STAARS, State of Alabama
Production and UAT Nightly Cycle Operations

- Monitoring and Execution of the Financial nightly cycles.
- Triage and coordinate issues between client team and offshore team.
- Communicate with business regarding impact of issues and estimated time until such issues are fixed.

Project: wvOASIS, State of West Virginia
IST and UAT Nightly Cycle Operations, Configuration Management
- Monitoring and Execution of the Financial and HRM nightly cycles.
- Triage and coordinate issues between client team and offshore team.
- Communicate with business regarding impact of issues and estimated time until such issues are fixed.
- Configuration Management and Application builds for HUB Application

ITC InfoTech India Pvt. Ltd, Bangalore
Client: REVAS Project DTAG, Netherlands
10/2014 – 12/2017
- Providing support to users for issues such as account related, activation and redemption.
- Responding to customer queries for critical server issues and investigation/resolution of tickets for Production issues
- Responsible for coordinating of tickets between client and offshore team.
- Providing status reports of the tickets to the manager of our development and weekly updates the status for open and closed issues (For any clarification).
- Checking logs based on system and application requirement using system monitoring tools.
- Responsible for providing support in L1/L2 level depending on the priority.

Client: INMARSAT
10/2013 – 10/2014
- Resolving System Test defects in a very quick time.
- Providing Single point of contact for both customer and developer.
- Doing appropriate escalation based on criticality and feasibility.
- Communicating with business regarding impact of issues and estimated time until such issues are fixed.
- Handing over the outstanding issues to the primary of the next shift.

Education

B.Tech in Applied Electronics & Instrumentation Engineering, Biju Patnaik University of Technology , ORISSA - 2012

Resume – Sadiq Ahmed

Summary of Qualifications

- 5+ years of managing ERP cycles using SOS Job Scheduler

- Experience as a System Administrator in VMware vCenter and ESXi and Windows server and managing Virtualization Environment using ESXi, vCenter, vSphere Client.
- Extensive experience working on ITIL projects with Incident, Request and Change Management processes.

Professional Experience

Dataview,
Senior Operations Staff
12/2017– Present

Project: STAARS, State of Alabama
Production and UAT Nightly Cycle Operations
- Monitoring and Execution of the Financial nightly cycles.
- Triage and coordinate issues between client team and offshore team.
- Communicate with business regarding impact of issues and estimated time until such issues are fixed.

Project: wvOASIS, State of West Virginia
IST and UAT Nightly Cycle Operations, Configuration Management
- Monitoring and Execution of the Financial and HRM nightly cycles.
- Triage and coordinate issues between client team and offshore team.
- Communicate with business regarding impact of issues and estimated time until such issues are fixed.

Samsyst Technologies Pvt Ltd
2011-2017

- Setup, configure and deploy VMware-based systems for high availability and efficiency, including VMware vCenter and VMware ESXi v3.x, 4.x 5.x
- Installation, Configuration and maintenance of ESXI Host, vCenter & Virtual Machines.
- Configure and Administration of vCenter features like VMware HA, DRS, SDRS, FT, DPM etc.
- Creating and managing High availability Clustering, vMotion, Storage vMotion.
- Managing Tasks, Events and Alarms. Customizing guest operating system on Virtual Machines.
- Creating, Deleting and consolidating VM snapshots using Snapshot manager and restoring a snapshot. Troubleshooting snapshot issues.
- Perform Quarterly patching for VMware Components like vCenter, ESX/ESXi, VM's and Guest Operating Systems.
- Creating VMFS datastores from NFS, iSCSI and FC (Fibre Channel) Storages. Troubleshooting storage and datastore related issues in VMware environment.
- Migrate existing physical and Hyper-V virtual servers (P2V-V2V) to VMware based vSphere/vCenter system using VMware converter.
- Configuring & Managing ADC and Domain controller.
- Creating and Managing User Groups & User accounts.

Education & Certifications

Bachelor of Computer Applications (BCA) , Vijay Nagar College, Raichur – 2010.
- MCSA (Microsoft Certified).
- CCNA (Cisco Certified Network Associate).
- VCP-510(VMware Certified Professional).
- Microsoft Azure Trained.

Staff Augmentation - Operations

Resume - Sanjeev Musafir

Summary of Qualifications

Sanjeev is a talented and accomplished IT executive with more than 19 years of experience and proven record of success in building and leading software development teams, directing software deployment, managing architecture design and product development. Special expertise in client support, team motivation, Service Oriented Architecture (SOA), database and object-oriented design, project management, and service delivery management. Excellent leadership and problem solving skills. MBA from Dartmouth with focus on general management and entrepreneurship.

Professional Experience

Dataview, Charleston WV
Co-Founder and Partner
12/2014 – Present

State of West Virginia
wvOASIS Advantage ERP Project
Consultant/Technical Architect
2015 – Present

- Define nightly cycle jobs and dependencies
- Troubleshoot any issues in Advantage ERP Financial, HRM and Payroll Nightly Cycles
- Assist System Administrators in performance tuning for applications, databases and servers
- Work with Functional teams in troubleshooting and logging production defects
- Support and customize BIRT Forms and BIRT Server configuration
- Assist State technical team in reviewing deployment technical architecture and infrastructure design

CGI, New York, NY
Director Consulting Services
3/1997 – 11/2014

Chief Technology Officer, Sandy Integrated Recovery Operations and Management System, Trenton, NJ
- Lead Architect for $59m project to implement a technology infrastructure, software, IT and services to support the State in its disaster recovery operations and manage Federal DR Funds
- Designed and developed a complete solution architecture that includes BPM functionality, Data warehouse and integration with external State systems.
- Implemented architecture standards, tools and technologies to ensure on-time delivery, scalability and a cost effective solution.
- Worked with State technology leadership team to provide an architecture that meets State of NJ technology roadmap and standards.

Technical Manager, Statewide ERP Project, Charleston, WV
- Technical lead for RFP Response, Proposal Orals and Negotiations for a $100m Statewide ERP implementation for the State of West Virginia.
- Delivered technical presentations to client during Statement of Work negotiations describing technical architecture and fit to technical requirements.
- Managed technical architects in reviewing RFP requirements and creating solution architecture.
- Worked with 3rd Party Hardware and Software vendors for cost effective and timely procurement.
- Responsible for managing onsite technical team to deploy project on schedule and within budget.

Enterprise Data Transition Lead, Fannie Mae Managed Services Project, Herndon, VA
- Responsible for transition of development and maintenance activities for Enterprise Data Warehouses to CGI Managed Services program.
- Created transition project plan to meet Fannie Mae strategic and financial objectives.
- Responsible for status reporting, health dashboards and escalation of transition issues and risks.
- Recruited and trained 20+ member technical team. Recommended re-badging candidates based on skills and risk areas.

Technical Team Lead, FI$Cal Fit Gap Project, Sacramento, CA
- Managed Technical architects in reviewing RFP requirements to do a fit--gap analysis and design of technical solution for a $300m+ proposal effort for a statewide financial accounting system.
- Led technical proposal presentations to client during RFP process discussing solution benefits.

Technical Infrastructure Lead, FMS/3 Project, New York City, New York
Technical Lead for multi-year, $75m web-based financial management and budgetary control system implementation for City of New York (CGI's largest-ever project). Provide technical management, software and hardware architecture, deployment, requirements determination, technology evaluation and selection, procurement, staffing, and post-delivery support.
- Recruited and trained 25-person offshore team and 15-person onshore team on schedule, avoiding $2M in potential financial penalties.
- Developed 2-year production capacity plan and led procurement of >$10M in hardware/software.
- Improved system performance 20% through performance tuning.
- Saved $100,000 and 20% under budget overall through utilization of open source tools.
- Reduced defects to less than 5% through best practices and development standards.
- Enhanced productivity by identifying and eliminating performance bottlenecks to meet SLAs.

Independent Consultant
Carried out product architecture reviews and product design changes and recommendations for various development and implementation projects as large as $50M.
- Improved critical system performance by 18% for the State of Maine business system upgrade project by evaluating product architecture and design, and implementing performance benchmarks.
- Facilitated $33M in added revenue for CGI while eliminating potential financial penalties for Los Angeles County by leading SLA compliance project that included identifying and resolving performance bottlenecks during financial system upgrade.
- Achieved 400% improvement in check printing process for LA Co. through skilled process redesign.

AMERICAN MANAGEMENT SYSTEMS, Fairfax, VA

Senior Technical Architect / Team Lead / Development Manager

Oversaw development, design, and deployment of $700M company's government financial accounting package for state and local governments, accounting for $250M in annual revenue. Recruited and trained infrastructure team responsible for development, implementation, system administration, and support.

- Selected to lead product's first implementation for Massachusetts Comptroller's Office. Directed 2-year project valued at $60M, Supervised onside product architects and system administrators. Effectively met all deployment and configuration goals.
- Facilitated >$100M in new contracts with clients, based on success of MA Comptroller project.

Principal, Product Engineering Group

Key member of team that developed next generation version of flagship financial product. Oversaw product development planning, resource utilization, scheduling, release management, and milestone reporting for business intelligence subsystem. Actively involved in technology selection and tool evaluation.

- Facilitated $150M in new contracts from 47 clients through successful project completion.
- Spearheaded $30M in new business by managing proposals and technical presentations.
- Directed beta implementation of first-ever web-based administrative system for county government.

Development Manager

- Directed 15 developers in modifying Illinois Dept. of Human Services Consolidated Accounting & Reporting System. Identified needs and developed solutions.
- Managed design and development of $1.2M youth insurance coverage system for Illinois.

Education

MBA in Business & Entrepreneurship, Tuck School of Business at Dartmouth, Hanover, NH
MS in Computer Science, University of Iowa, Iowa City, IA
BE in Electronics & Communications, Regional Engineering College, Tiruchirapalli, India

Resume – Hassan Ajmal

Summary of Qualifications

A top-performing, high level IT professional, who's earned a successful track record in the areas of software engineering, software development, and network design for well-known organizations. Ability to quickly understand complex sub systems and integrate them. Selected to lead key components of a $98 million IT project. Possesses strong analytical and engineering skills, combined with excellent interpersonal and professional abilities. Offers a unique combination of technical skills and leadership qualities.

Professional Experience

Dataview, Charleston WV
Senior Consultant
5/2016–Present

wvOASIS, Advantage ERP Implementation, Middleware Team Lead
A $98 million project to modernize West Virginia's financial, procurement, HR, and budgeting functions statewide

- Deployment, administration and operational support of Advantage ERP Environment (Development, System Test, Training, UAT & Production) environments.
- Installation and managed Production and Non-Production WebSphere application clusters for all Production and Non-Production environments.
- Participate for performance monitoring and issue analysis of all runtime environments and provided 24x7 coverage and response to systems alerts during after-hour periods.
- Worked with functional teams to setup and configured Advantage ERP Nightly Cycle and optimize run-time window.
- Assist with the installation, configuration and management of the Linux infrastructure and worked with infrastructure team to facilitate better management and monitoring of the environment.
- Created procedures to prevent and reduce the severity of outages

CGI, New York, NY
Senior Consultant
2008–5/2016

Provide IT management for the fifth largest IT and business processing firms in America

wvOASIS
Advantage ERP Implementation, Sr. System Architect
A $98 million project to modernize West Virginia's financial, procurement, HR, and budgeting functions statewide
- Define and initiate projects, managing cost, schedule, and performance of component projects, while working to ensure the ultimate success and acceptance of the program.
- Experienced in coordinating, negotiating and motivating outside vendors and off-shore resources in support of time line and project deliverables.
- Coach, mentor and lead personnel within a technical team environment.
- Design/implement/execute enterprise architecture, solutions engineering, standards, and strategy

wvOASIS
Sr. Network Security Engineer
- Devised enterprise security strategies safeguarding information assets and ensuring compliance with regulatory mandates.
- Led comprehensive security infrastructure upgrades (e.g., firewall/VPN upgrades, intrusion detection, token-based authentication and remote management) for various midsize and large companies.
- Led business-critical information security initiatives for large financial institutions involving encryption of customer data to ensure compliance with change in federal laws.
- Subject matter expert on F5 for load balancing and other network gear.

wvOASIS
VMWare Administrator
- Manage VMware technologies for virtual servers and disaster recovery plans
- Designed and implemented all infrastructure SAN/storage devices and associated software and tools, ensuring enterprise-wide architecture consistency.
- Proposed backs up/recovery strategy and implemented encryption technology for enhanced security.

wvOASIS
Sr. Performance Test Engineer
- Developed J-Meter scripts according to test specifications/requirement for multiple ADVANTAGE systems.
- Assisted in identifying long running processes and optimize those processes to improve response time. It involved identified Disk Usage, CPU, Memory for Web and Database servers and how the servers' resources are being consumed.

wvOASIS
Configuration Manager/Production Support
- Designed and implemented Nightly processes and auto deployments, for fast paced application.
- Oversee server configuration and operational usage of systems across the entire enterprise.
- Document installations and daily procedures for accountability and disaster recovery.
- Create automated processes to patch hotfix to ADVANTAGE code base.

Financial Information Services Agency of New York City
DevOps Engineer
Provides IT services—including financial, vendor portal—to all city officials
- Designed, implemented, deployed and maintained 150+ development, performance testing, and production platforms. Core technologies included AIX/LINUX/Windows 2003 servers. CGI's Advantage Information System and infoAdvantage data warehouse applications were deployed.
- Assisted with ADVANTAGE Financial full stack upgrade including system and code base.
- Developed automated daily configuration management task in Perl, shell and Power Shell to ensure flawless models/client services.
- Extensively documented pertinent business and technological requirements and outcomes
- Provided service deliverables to business units in a timely and professional manner
- Collaborated with development team to build conversion (legacy systems), interface (different department-preprocessing logic), and reporting (ETL/Data warehouse) aspects of ADVANTAGE platform (Core technologies were JAVA, PLSQL, Business Objects (SAP), and Pervasive)

- Served as database administrator on client site for seven teams, dramatically reducing workload for offsite teams (Technologies included Oracle/Mysql/DB2 and MS SQL for performance tuning)
- Assisted in maintaining a real-time FMS/2 System budget-line and FAMIS-System document integration to citywide system.
- Developed, maintained and recommended solution to fine tune the execution of Financial Nightly cycle. Generate report to identify issues encountered during the cycle.

St. Vincent's Hospital
Remote Coder
A 758-bed hospital, located in Manhattan, NY
- Defining and implementing secure, Restful and SOAP-based Web Services features to integrate flow of HL7 messages between different departments using Corepoint Integration Engine.
- Designed and developed tools to process Cold Feeds from different systems within the enterprise solution
- Provided enhancements to the client already existing ERP solution in ASP.Net with C#
- Assisted regression testing of the EMC solution for healthcare using Microsoft Team Foundation Server
- Developed automated process to load sample data for performance testing.
- Configured and maintained all components revolving around the ECM solution, involving IBM FileNet, Interlink, Corepoint health, DataCap, Web Logic, Apache, Tomcat, JBOSS, Oracle and SQL Server on Windows/UNIX servers.

Baptist Health South Florida, Remote Coder
Florida's largest faith-based hospital with 680 beds
- Developed a module to incorporate deficiency information for patient records in legacy system.
- Managed all troubleshooting issues across the system, using the Service Support ITIL disciplines
- Created web services in ASP.Net with C# to communicate with the underlying Oracle/MS SQL database for Sovera 10

GIST, New York, NY
Analyst / Programmer
2007-2008

Recently acquired by RiM, GIST had developed specialized analytical graphics, visualization, and charting software
- Using historical equity databases from financial firms, designed and engineered
- Specialized software for in analysis-reporting, charting, and data visualization

Other Experience

- LECG LLC, New York, NY, Research Analysis, February-May 2007
- Columbia University, New York, NY, Teaching Assistant for Java Programming/Model of Computation, 2005-2006
- BLUEDATA, New York, NY, Lecturer for Database Architecture, 2005-2006
- Council of European Studies, New York, NY, Program Assistant, September-December 2005

Project Development

- **Amazon AWS**—Automate the entire deployment process on Amazon AWS using CHEF.
- **Baseball Stats System**—Designed using Java Servlet Technology and PostgreSQL concepts.

- **VoIP Security Project**—Installation and testing of a basic PBX functionality for a SIP proxy-like, demonstrating forking/performance measurement, on-call setup delay, and register-invite capacity.
- **Enterprise Integrator Tool**—Designed and developed an application to seamlessly transfer data between different systems deployed on a Virtualized Xen on Debain
- **Network Security Related**—OTP generator/verifier, Java security policy, Java file encryption/signing tool, SSL-based file transfer, IPsec Configuration, and PGP encryption.

Software Proficiency

- **Languages:** Java/J2EE, C/C++, C#, PHP, PL/SQL, HTML, JavaScript, Perl, Prolog, Assembly Language
- **Operating Systems:** UNIX/LINUX, CentOS, AIX, MS Windows 2008 Server
- **Software:** Oracle, WebSphere, MS SQL Server 2008, MYSQL, DB/2, Eclipse, Apache, MS Office,
  MS Visio, MS Project, Attenex, J-Builder, Developer 2000, Visual Basic 6, Snort, Splint, GnuPGP, FreeSWAN, Iptables firewall, AutoCAD, AdobeLiveCycle, SMTP servers, IBM Rational Clear Case/Clear Quest, Perforce, Jira

Education

Master of Science in Computer Science, Columbia University, New York, NY

Resume - Mohsine (Mo) Badre

Summary of Qualifications

With more than 19 years in the Information Technology industry, Mo has a wide range of experience in system analysis, design, development, and implementation of both custom and package-based systems for state and local government. His functional experience includes Advantage Financial, Advantage HRM/Payroll, Advantage Budgeting, and infoAdvantage. His technical experience includes application development, application architecture, Data Integration, Data Warehouse, and Business Intelligence. Mo has experience with Oracle, DB2, SQL Server, .Net, SAP BI Tools, COBOL, C++, MS Office, MS BI Tools, Windows, and UNIX.

Professional Experience

Dataview, Charleston WV
Co-Founder and Partner
12/2013 – Present

Mo serves as BI Lead, data integration lead, and client facing lead for Dataview for the wvOASIS project for the State of West Virginia. Responsibilities include BI technical lead for Advantage Financial, Advantage HRM/Payroll, Advantage Budgeting, Kronos, and AgileAsset applications. Additional responsibilities include Customization to the Advantage applications and ad-hoc support for data conversion and data integration between legacy systems and wvOASIS applications.

CGI, New York, NY
Director Consulting Services
3/1997 – 11/2013

Business Intelligence Team Lead, CGI, Financial Management System (FMS), Financial Information Services Agency (FISA), City of New York, (January 2008 – October 2011)
- FMS is an AMS Advantage Financial 3.x upgrade of the City's current AMS Financial 2.x solution, which supported all aspects of the City's financial management operations for accounting, budgeting, capital projects, vendor information, contracts, procurement, and expenditures.
- Mr. Badre managed a large team of more than 30 members to design and develop a reporting solution based on the AMS infoAdvantage (baseline offering solution).
- He oversaw the design and development of ETL using Pervasive Data Integrator PDI. Worked directly with the infoAdvantage architect to significantly improve performance and switch some ETL components from PDI to JAVA by leveraging the existing infoAdvantage JAVA framework.
- Worked directly with the functional team lead to improve the infoAdvantage functional universes and developed new custom universes to improve performance.
- He also oversaw the design and development of over 300 reports using Business Objects Enterprise BO XI R3.1.
- Mr. Badre coordinated the development effort with and provided support to our Off-Shore India team.
- He managed the design, development, and implementation of a custom solution to integrate security roles from multiple applications into the business object application. Implemented row level security based on multiple attributes using 'OR' operator which is not supported by BOE.
- Implemented a nightly cycle solution to execute BOE publications and distribute the reports to destinations within BOE.
- Prototyped a flexible solution to deliver personalized and complete publications based on security requirements not supported by BOE.
- Mr. Badre worked directly with Client's DBA to develop a strategy for table space, indices, and database reorg.

Reporting Team Lead, CGI, VENDEX Replacement Project, City of New York - Mayor's Office of Contract Services (MOCS), (February 2006 – January 2008)

- The FMS/3 project is an ADVANTAGE 3 Financial upgrade. The Mayor's Office of Contract Services (MOCS) is one of the main client stakeholders for the FMS/3 project. The MOCS project includes replacement of their current VENDEX legacy system, implementation of a Vendor Portal, and an end-to-end Procurement workflow initiative. The new VENDEX will be based off Advantage 3 Financial architecture and document structure, as well as heavily utilizing Vendor Management and Performance Evaluation modules.

- Mr. Badre successfully managed and led a team of business analysts and developers to design and develop an Oracle data warehouse, a PL SQL Extract, Transform, and Load (ETL), and 150 reports based on Business Objects XI R2. Mr. Badre also provided support to the Conversion and interface teams to bridge the gap between the functional and technical requirements. As a senior member of the VENDEX team, Mr. Badre also provided support to the application team by reviewing the requirements and designs and making sure that they are met by the application.

Business Analyst, CGI, NYCServ, City of New York, Department of Finance (DOF) – (November 2002 – May 2004)

- In the fall of 2002, CGI-AMS was asked by the Department of Finance to perform a transition study for the NYCServ system. As part of this study, CGI-AMS was asked to determine the steps necessary to transition NYCServ operation and maintenance responsibilities from the Department of Finance's (DOF's) current development contractor, International Business Machines Company (IBM), to CGI-AMS. In January 2003, CGI-AMS began taking maintenance and operational responsibility for components of the NYCServ system. NYCServ is an application which allows citizens to consolidate their dealings with the City, provides a unified front end for revenue collections and integrates numerous City legacy systems.

- Mr. Badre managed the deployment of hardware and adjudication applications to five payment centers. He ensured that all computers, peripherals, and applications were deployed correctly. He also conducted tests in each payment center prior to the live dates and provided support and training to judges throughout all five centers.

Programmer Analyst, Business Analyst, Application Architect, CGI, Financial Management System (FMS), City of New York – Financial Information Services Agency (FISA), (June 1997 – October 2002)

- In 1997, the City of New York engaged CGI-AMS to implement its next generation Financial Management System (FMS). FMS is an enterprise-wide application developed to support all aspects of the City's financial management operations for accounting, budgeting, capital projects, vendor information, contracts, procurement, and expenditures. The main client stakeholders are FISA, which houses the system, Office of the Comptroller, Office of Management and Budget (OMB), and the Mayor's Office of Contracts. FMS is used by 4,000 persons Citywide and manages the financial activities of a $65-billion-dollar budget.

- The FMS application is a highly customized business solution developed on the ADVANTAGE Financial 2.0 platform. CGI-AMS, acting as the systems integrator, oversaw all elements of this very large-scale deployment effort, including: application design, customization and maintenance, installation of a new computing infrastructure (data center, City-wide TCP/IP network, desktop computing assets), user implementation support (business change readiness, training, problem resolution), and third-party tool integration.

- Mr. Badre joined the conversion team as a business analyst and programmer analyst. His responsibilities were as follows:

- He led a team of developers for the Capital Fund Budget.

- Conducted meetings with key senior client managers at the Office of Management and Budget OMB to gather requirements.

- Mr. Badre created design documents and conducted review meetings with the client.
- He also created technical designs and directly oversaw the development and testing of each Capital Fund Budget process.
- Supported the application team in testing the FMS application with real data.
- Mr. Badre assisted the client in testing the new application as part of their User Acceptance Testing UAT.
- Developed reconciliation processes to reconcile data between the new system and the legacy system.
- Mr. Badre also joined the application architect team and his responsibilities were as follows:
- He managed all modifications to the Capital Fund Budget sub-system. He reviewed the new business requirements and their impact on the application.
- Conducted meetings with the business owners and gathered their requirements.
- He created functional and technical designs as well as application impact-analysis documents for new modification.
- Coded complex mods and worked with developers to review the technical designs and their development.
- Trained the client's application architect team in the major components of Capital Fund Budget.
- Developed a reconciliation/data integration process for the Capital Fund Budget sub-system.

Programmer/Analyst, CGI-AMS, ADVANTAGE Financial, Suffolk County, NY (March 1997 – June 1997)
- CGI-AMS implemented a client/server financial system, ADVANTAGE Financial for Suffolk County, Suffolk County Community College, and the Suffolk County Department of Public Works.
- Mr. Badre was responsible for developing and unit testing batch processes using COBOL, UNIX, and Sybase.

Education

Bachelors in Environmental Engineering, Institute of Applied technologies, Rabat Morocco
Bachelors of Business Administration, Computer Information Systems, Bernard Baruch College, (City University of New York), New York, NY

Resume – Jiju Jagadish

Summary of Qualifications

17+ years experienced Business Intelligence and Data Warehousing expert with extensive consulting and designing experience using multiple tools like SAP BO 4.x, Power BI, SSIS, SSAS, Pentaho Data Integrator, PowerBI Report Builder, JAVA, .Net Core etc. 17+ years of experience in BI and DW field with 10 + years of experience as BI solution architect. Extensive experience in designing and developing reporting solutions in Finance and Procurement, HR and Payroll and Budgeting domains. Successfully implemented an alternate payroll solution to help clients to do mock payrolls and verify the data, thereby enabling them to correct issues prior to the payroll run.

Professional Experience

**Dataview,
BI Consultant
11/2017– Present**

- BI Consultant for the State of West Virginia and the State of Alabama.
- Designed and developed alternate payroll reporting system for the State of WV to verify the payroll outcome before the actual payroll run.
- Develop DW and reports for the HUB application for WV DOT.
- Provide support to both State of West Virginia and State of Alabama of infoADVANTAGE software.
- Work with departments within the states to design and develop new report using Web Intelligence.
- Work with users and functional SMEs in the departments to generate useful and efficient reports for day-to-day reporting needs.
- Fine tune the existing Web Intelligence reports for the State of West Virginia both from the design and performance aspect.
- Develop reports and dashboards PowerBI and Power BI Report Builder

CGI

**BI Product Development Team Lead
08/2016 – 11/2017**

- Product Development Team Lead for reporting solution for CGI ADVANTAGE SaaS solution.
- Successfully implemented designed and enterprise reporting solution for three cities in State of Michigan
- Full suite BI implementation for City of Columbus.
- Discuss with clients on the report needs and provide design and working prototypes based on the requirements.
- Provide technical and functional support to a team of 16 members.

**BI Team Lead and Implementation Lead
01/2011 - 07/2016**
- Implement infoADVANTAGE, reporting solution for ADVANTAGE ERP system for multiple clients including State of Arizona, Maricopa County, City of Los Angeles
- Modelled DW for ADVANTAGE ERP HR and Payroll system
- Designed reporting solutions using SAP BI tools for the product.
- Actively interacted with clients to understand the issues and challenges and provided efficient solutions to resolve those.
- Worked as an Individual Contributor at both projects.

**Developer
01/2005 – 12/2010**
- Design and development of the various modules in infoADVANTAGE.
- Design and Develop reports using SAP BO Web Intelligence.
- Design and develop universes using SAP BO Universe Designer.

- Design and Develop DW and ETL jobs using Pervasive Data Integrator.

Resume - Mohamed Nazeem

Summary of Qualifications

15+ years of experience in Architecture, Design and Development of Object-Oriented Software Systems and building complex, high performance, scalable and easily maintainable solutions. Proven expertise in Business Intelligence, ETL, Data Analysis, Data Mining and Data modeling. Strong experience in applications and custom development, delivery, and support solutions; covering all aspect of the Software Development Life Cycle (SDLC).

Professional Experience

Dataview Consulting,
Senior Consultant
01/2019– Present

- Developed reports & dashboards and data Models using Power BI and Power BI Report Builder.
- Worked on Embedding Power BI Reports from various workspaces into a Single .Net Application and implemented RLS
- Design& Developed and Maintained webi intelligence reports for the State of West Virginia.
- Worked on Customizations – Unit Roll Ups for a payroll reporting system for the State of WV to verify the payroll outcome before the actual payroll run.
- Design & Developed Publication System to Auto publish Client Reports with runtime Parameters for the State of Alabama.
- Responsible for Report Upgrade from SAP BO 3.x to 4.x

Projects -
West Virginia, DNR - Land and Streams
Application to handle the customer permits for Land and Stream for construction/work activities.

HUB Application - West Virginia Department of Transportation
Application to handle Capital Projects

Payroll Prelim - West Virginia ERP Board
Application which validate payroll budgets before payroll generation.

Publications - State of Alabama Department of Finance
Tool to execute publications in the Business Object Repository with the user defined parameters

CGI,
Senior Software Engineer
01/2007 – 01/2019

- Designed & developed universes by creating Business Objects data model, resolving loops, subdividing into contexts, and creating the objects which are grouped into classes (Info Advantage 3.x).

- Designed & developed extensive Business Objects reports using multiple queries, combination of chart and tables. The reporting and analytics with up-to-date metrics and dashboards giving actionable insight to help make better decisions on HRM, Finance and Performance Budgeting (Info Advantage 3.x)
- Designed & developed DW and ETL jobs using Pervasive Data Integrator (Info Advantage 3.x).
- Worked on Migrating the Front End of the Existing ERP Application from Java to Angular (Advantage 4.0)
- Responsible for addressing Client Issue related to the ERP Systems (Info Advantage 3.x)
- Designed\developed various modules in info ADVANTAGE.
- Responsible for the performance tuning of SQL queries on Oracle database by using features like creating the materialized views and function-based indexes depending on the reporting requirements
- Responsible for Developing and Maintaining of the Framework Code for this Application in JAVA

Education

Master of Science [Software Engineering] - Anjalai Ammal Mahalingam Engineering College, Anna University

Staff Augmentation - Project Management

Resume - Randy W Stephenson

Summary of Qualifications

- **Accomplished Executive:** Proven expertise in Management with over 40 years experience with increasing responsibility. Have driven significant results as an internal leader and external consultant.
- **Strong Leader:** Excel at motivating/coaching, decision-making, negotiation, communication and teamwork. Results-oriented, innovative, analytical, adaptable, personable. Ethical values (integrity, accountability, credibility, respect).
- **Diverse Background:** Vice President, Deliver Director, IT Director, Project Manager, Retail Operations Manager, Training Manager, Industrial Engineer in Various Industries, Public Sector, and Fortune 500 companies.
- **Proficient at Directing:** Project Planning, Upgrades, Full ERP implementations, Profit Improvement Initiatives, Business Analysis, Information Technology, Organizational Readiness, Change Leadership, Sales Processes, and Training.

Professional Experience

Dataview Consulting,

Project Manager   *July 2018-Present*

- Project Manager for multiple State ERP projects. PM for State upgrade from CGI InfoAdvantage 3.9 to 3.11. Supported development of the scope of work. Project completed in 18 months once contract was competed.
- State Project Manager for Department of Highways new Time and Leave implementation. This project was created to move from their current legacy application to the InfoAdvantage HRM solution. Successful go-live in October 2021.
- State PM for cloud Travel implementation. This implementation is to replace the current on premises solution. The Go live was successful for the current users, plan is now to roll out to the other state agencies over the next calendar year.
- State PM for OASIS integration with DOH maintenance management solution including Timel equipment usage, labor hours and consumable inventory. Project targeted to go-live July 2023.

Vignon, INC

Vice President, Enterprise Services - *Dallas, TX*   *Oct 2017-July 2018*

- Responsible for all projects and resources Vignon delivers to enterprise clients (SAP, Oracle, Workday, etc.) either directly or as a subcontractor to a larger firm. Respond to issues or circumstances and work with all parties to resolve any potential issues or concerns. Ensure all deliverables and expectations are met by Vignon resources or project team.
- Review and respond to relevant RFP requests including solution development and pricing for project or resources. Work closely with President/Owner to monitor financial results to maintain a healthy business environment.

NTT DATA Services

Delivery Director, Public Sector - *Mclean, VA*   *June 2015-September 2017*

- Proposal development and delivery oversight to Public Sector, State and Local. Work with team to propose the right solution and then provide oversight once the proposal was accepted. Once proposal was accepted help engage the proper team and provide the solution to meet the client needs.
- Support Sales effort throughout the country. Created responses for SAP, Oracle, Microsoft Dynamics, and Salesforce.com as the platforms.

ACS-Xerox. – Dallas, TX.   *2005-June 2015*
Premier SAP Partner
 Delivery Director-State and Local Government Group

- Implemented SAP Public Budget Formulation functionality for the first time in a state DOT. Replaced existing budgeting and planning applications as well as developed a performance measurement solution required by the legislature. Replaced 11 BPS applications that are scheduled to be removed from support in 2013.
- Implemented Business Objects reporting utilizing SAP BW for 6 functional areas to meet the highest priority needs of the Transportation Commission at a state Department of Transportation. This implementation provided the DOT with information needed for Federal as well as State reporting.
- Upgraded SAP 5.0 ECC to SAP 6.0 for state DOT with no major issues and no disruption of service to the business users. Project managed a team of 15 technical and 8 business functional resources to complete the upgrade.

National CRM Practice Director/Business Objects Practice Lead/SW Delivery Director
- Supported Sales effort in the proposal and Orals stage of potential projects. Have closed over $10MM of business.
- Through strong client relations and delivery excellence, expanded the delivery capability to new offer new services that will be leveraged at other clients.
- Provided project oversight, recovery and leadership to a problem implementation. The implementation was an ERP solution combining two companies with new business processes and replacing legacy technology. Replaced a legacy payroll application with 5 payroll areas over an 8-week period. Managed 25+ consultants at various phases of the project.
- Project Manager for the largest CRM project ever delivered by Systech Integrators. This project includes functionality for Mobile Sales users, CRM on-line, Internet Sales Application, Internet Pricing Configurator, and Business Warehouse Reporting. Project Team of 28 included employees and consultants. Responsible for the monitoring and adjustments for the $5 mil budget.

Deloitte & Touche, LLP   *2000 – 2005*

Director, Marketplace Technology Services-Firm Information Systems, Hermitage, TN.
Supervised 3 managers and 10 employees, this facility is the Practice Service Center for the US firms.
The PSC supports all US entities by supporting all Firm systems. SAP is the integrated platform for all firm systems.

- Helped build and develop the Firm Information System (FIS) department to an accountable, innovative and results oriented team. Responsible for the Marketing and training group in FIS with an operating budget of $3-8 mil annually including 20+ employees, contractors, other department resources.

- Developed and implemented the first firm-wide Customer Relationship Management System (replaced 23 legacy applications). Implemented SAP CRM 4.0 mobile sales in a ramp-up version. Installed solution for 5000 users. Implemented other SAP components for Client Master and HR to utilize the integrated platform (prior to the Professional Services implementation). Utilize BI/BW for all pipeline and firm-wide reporting.
- Responsible for the blueprint documentation, training and change management efforts for the SAP Professional Services (including Time & Expense) implementation. This new implementation replaced all legacy systems.
- Responsible for developing and implementing the first Business Intelligence/ Business Warehouse application to report firm financials and market penetration. When this application was implemented in SAP, processing and report delivery was streamlined and information was distributed 3 days earlier.

Independent Consultant-Stephenson Services, Inc.   *1997-2000*
Supported SAP ERP implementation of HR, Benefits, and Payroll.

- Consulting responsibility (project management) for developing, implementing and executing the conversion processes to support the implementation of the HR, Benefits and Payroll (SAP 3.0I). Converted history and data for over 32,000 employees and partners.
- Temporary lead Payroll configuration team until permanent replacement was recruited.
- Responsible for Change Management strategy including leadership alignment and communication.

Manager, Deloitte Consulting -   *Atlanta, Ga.*   *1994-1997*
Client Service responsibility for developing and implementing process improvements in the Consumer Business service line. Responsible for new sales, add-on sales and consulting engagements
- Sold project to developed strategy and plan to consolidate 9 Call Centers into one at a major drug store chain. Project was completed on time and on budget. $300K in fees.
- Sold/led business process changes at the largest supermarket chain in Puerto Rico. These changes to receiving, stocking and front-end, as well as staffing and scheduling changes, resulted in over $10 mil savings and a 10% better in stock position in the stores. Engagement fees of $2.6 mil.

the Sports Authority, - *Ft. Lauderdale, FL*   *1991 – 1994*
Premier/Largest sports retailer in the US.
Manager Store Operations

Office Depot, - Delray Beach, FL   **1990-1991**
Largest office supply retailer in the US.
Director Store Training

Ryder Systems, - Miami, FL   **1986-1990**
Largest Truck leasing and Rental Corporation.
Manager, Sales and Management Training.

McDermott, Inc./Babcock &Wilcox,- Beaver Falls, PA, Lynchburg, VA, Morgan City, LA   **1977-1986**
Off shore oil rig manufacturing, Nuclear& Fossil fueled plant design, Tubular Steel Manufacturing.
Industrial Engineer, Training delivery, Recruiter, Training and Development Manager

Education

MS Business Admin Central Michigan University, 1986
Batchelor of Science, University of Pittsburgh, 1977

Resume - Sean Burner

Summary of Qualifications

Sean is Scrum Master (PSM) certified, with 8+ years of experience in federal and state government contracting. He has extensive experience in leading cross-functional teams through small- and large-scale Agile software development implementations. Sean is passionate about coaching project teams to become self-managed and continuously improve their software development approaches; resulting in greater value delivery and return on investment for their public sector customers.

Professional Experience

Dataview Consulting
WV Department of Highways, Charleston, WV

Product Owner / Scrum Master   **2022 – Present**

- Acting as the primary liaison between the WV DOH and the agile product team to develop a Capital Project and Program Management application
- Creating and maintaining the solution vision, roadmap, and backlog of work
- Translating features into user stories within the team's backlog
- Managing, ranking, and prioritizing the backlog to reflect stakeholder's requirements
- Providing ongoing Scrum Master support to the team

Senior Scrum Master   **2019 – 2022**

- Successfully introduced the Scrum framework of Agile development to two geographically distributed teams consisting of onsite and remote members in the USA and India
- Helped grow the organization from a small team of 5 members to 14 members in less than two years
- Guided the team toward embracing agile values such as self-organization, transparency, open-communication, welcoming change, and customer satisfaction
- Monitored and tracked progress using tools such as average velocity, sprint burndown and work cycle time charts
- Prepared status reports, resolved issues, removed impediments, and facilitated the coordination of tasks and activities to meet sprint and overall project goals
- Facilitated Scrum events such as daily standup, sprint planning, sprint retrospective, sprint review, backlog refinement, and design sessions

- Coached the team through common agile practices such as continuous integration, pair programming, automated testing, simple design, user story creation, and story point estimation

KeyLogic Systems (on contract to U.S DOE, NETL), Pittsburgh, PA

Business Agility Manager / Scrum Master   **2018 – 2019**

- Member of KeyLogic's Business Systems Integration (BSI) Leadership Team supporting the Department of Energy's National Energy Technology Laboratory (NETL)
- Guided four Product Teams supporting the development, implementation, and maintenance of 15 applications, several business intelligence dashboards, and process improvement initiatives across NETL's Program and Project Management, Asset and Work Order Management, and Knowledge Management capability areas
- Planned and executed a significant reorganization and agile/Scrum implementation effort, affecting 34 Team Members, to address issues with scalability, low employee morale, schedule, and budget overruns, and decreasing customer satisfaction
- Introduced the agile/Scrum methodology to the BSI Team, which redesigned the software development and project management practices for the Team and set standards for KeyLogic's overarching Virtual Business Unit (VBU)
- Coached Executive Leadership, Product Owners, and Team Members in agile/Scrum practices and mindsets
- Assisted the BSI Leadership team in developing the program vision, program backlog, and program roadmap for the BSI Team
- Facilitated the optimization of value flow through the BSI Team using various mechanisms such as impediments removal, risk escalation, and addressing critical bottlenecks.

Senior Business Systems Analyst / Activity Manager   **2015 – 2018**

- Director's Office IT systems activity manager. Responsible for performing traditional project management activities such as developing activity management plans, project plans, risk management logs, status reports, cost estimates and resource plans to ensure projects were completed on time and within $0.5MM annual budget.
- Planned and led business analysis tasks such as stakeholder identification, process and workflow modeling, requirements analysis (elicitation, analysis, and documentation), quality assurance, application demonstrations, training and change management activities.
- Member of the KeyLogic account management team, responsible for identifying business development activities, pitched KeyLogic products and services to new customers, and contributed to the development of responses to several Requests for Proposals (RFPs).
- Project lead on several project teams comprised of both direct and indirect reports.
- Managed and prioritized the product backlog and oversaw all technical development stages.
- Acted as the BSI team coordinator to ensure that the many application project teams were aligned with the BSI Team Manager's vision.

Associate Business Systems Analyst   **2014 – 2015**

- Member of KeyLogic's Business Systems Integration Team.
- Acted as the voice of the customer to provide a business perspective to maximize the value of day-to-day development.
- Acted as an owner of specific product backlog items, worked closely with development teams to ensure the output to be aligned with customer expectations.
- Leveraged data analysis and visualization tools including advanced Excel and Tableau to create executive-level dashboards and perform in-depth analysis for various program-related and research-related projects.

CGI (New Jersey-Department of Community Affairs), Washington DC
IT Consultant   **2013 – 2014**

- Worked as an IT consultant in CGI's disaster recovery business unit.
- Supported the development of an application that was used to qualify applicants and disburse $1.8B of federal disaster aid. This system was the primary financial distribution system that helped New Jersey residents recover from the devastation caused by Superstorm Sandy.

Education

B.S. Accounting | Cum Laude , West Virginia University, Morgantown, WV ,   2012

Staff Augmentation – Software Development

Resume – Olga Ekberg

Summary of Qualifications

Olga has worked in the State Department of Transportation (DOT) arena for over 30 years. Her work as a Highway Engineer for the Colorado Department of Transportation (CDOT) gave her a strong footing to provide analysis and advice in DOT computer system design, development, and implementation for a front-end solution to AASHTOWare's early construction management solution, BAMS.

As the Federal Aid Billing (FAB) lead for CDOT in the implementation of SAP's ERP solution, Olga has guided and facilitated the effort to achieve one of the early FHWA certifications using SAP's ERP solution. The successful FAB implementation required a custom solution utilizing modular functionality from FI/CO, Project Systems (PS) and Budget Management.

At West Virginia, Olga led the effort for WVDOT to achieve FHWA Certification in the first of a two-phased approach. Following the initial implementation of the ERP solution for WVDOT, she is working as the Product Owner for the second phase; the implementation of a custom solution to provide project management, budgeting, scheduling and STIP solutions within an integrated system, the Hub. The Hub replaces legacy systems and paper forms to automate the initiation, budgeting, funding, and scheduling of DOT projects including the State and Federal STIP processes associated with Highway Projects. Projects qualifying for FHWA funding are submitted to the FMIS system via the FMIS/EDS system. FMIS approvals and rejections are returned to the Hub as part of the workflow process after which the project information is interfaced to the State of West Virginia's financial system for the processing of invoices, payroll, equipment, and materials. The Hub is implemented at WVDOT and the team is working on enhancements and supporting other vendors as they integrate Maintenance Management, Pavement Management and Bridge Management systems into the capital project lifecycle.

Professional Experience

Dataview Consulting

Principal Consultant   **March 2019 – Present**
Business Analyst, QA and Product Owner for implementation of the Hub – Project Management, Budgeting and Tracking integrated to the State Financial System

- Business Analysis and Development Strategy
- Product Development
- Partner with Scrum Master to lead team in all phases of Agile Development
- Relationship management with WVDOT and FHWA
- Department of Transportation Subject Matter Expert
- FHWA Certification Lead
- User Acceptance Testing support

- Training and Organizational Change Management support

Principal Consultant   **July 2015 – March 2019**
FHWA Certification Lead – WVDOT ERP
Expert knowledge of FHWA certification requirements and process
Support implementation of ERP solution to meet FHWA requirements and successful FHWA
certification for WVDOT
- Expert knowledge and detailed support for the implementation of ERP solution:
  - o DOT project accounting/cost accounting
  - o FHWA Billing Process
  - o FMIS system
  - o Integration
  - o Conversion from mainframe COBOL solution
  - o User Acceptance Testing
- Risk/Issue Management
- Incident Management
- Client and Vendor Management
- Requirement analysis, review, and clarification
- User Acceptance Testing leadership and coordination
- Leadership support for conversion, cutover and go-live
- Ongoing coordination and reporting for FHWA – Local and National

CGI
Senior Consultant   **2013-2015**
Advantage ERP Cost Accounting and Cost Allocation Team Lead
- Project/Grant/Cost Accounting Expertise for CGI Advantage Financial

Governor's Office of Information Technology   **2010 - 2013**
Information Technology Director for Office of the Governor, Colorado Department of Transportation
(CDOT), and Office of Economic Development and History Colorado
- Provide IT leadership for technology-based strategic and operational direction to CDOT
  and History Colorado

Colorado Department of Transportation   **2006 - 2010**
ERP Program Manager
- Manage the SAP Technical Support Team including:
  - o System Administration
  - o Functional Configuration
  - o Training
  - o Development
  - o Business Intelligence
- Manage multi-million budget for personal services, operating and capital
- Provide recommendations, requests and updates regarding the SAP program to CDOT's
  CIO and the SAP Executive Steering Committee
- Oversee project management activities for the SAP Program
- Manage procurement activities for the SAP Program

- Manage organizational relationships, expectations and agreements for CDOT's business divisions
- Manage relationships, communication, and coordination with CDOT's other Information Technology functional groups to ensure a reliable and updated technical environment

Viking Solutions   2001 - 2006
Consultant Owner

CDOT ERP Implementation 2005 - 2006
Federal Aid Billing (FAB) Lead for the implementation of a customized SAP solution timed and executed to fit into the overall ERP implementation project timeline.

- Thorough understanding of SAP functionality required for Federal Aid Billing, including but not limited to FI/CO, Project Systems (PS), Budget Management and the custom solution built specifically for CDOT

CDOT ERP Implementation 2003 - 2005

- Participated in researching and writing the Request for Proposal (RFP) for ERP software packages. Evaluated RFP submittals and as part of the selection team, provided feedback on all submittals and made recommendations on the most qualified package.

CDOT IT Strategy Development   2001 - 2003

AT&T Broadband, Englewood, CO   2000 - 2001
Senior Web Project Manager

Colorado Department of Transportation   1987– 2000
Webmaster	1998 - 2000
Programmer / Analyst	1990 – 1998
Highway Engineer	1987 - 1990

Education

B.S. – Mineral Engineering Mathematics, Colorado School of Mines, Golden, Colorado; 1987
Military Experience - Army Reserves 1983 – 1991

Resume - Timothy Stutes

Summary of Qualifications

Mr. Stutes has more than 25 years of experience in the field of information system services. Nearly all his experience has been involved with the team leadership, definition, design, development, and implementation of government software projects relating to ERP Accounting

and HRM. Mr. Stutes has successfully served in technical analysis and development, technical lead, and business analysis roles.

Professional Experience

DATAVIEW CONSULTING   **MARCH 2020-PRESENT**

wvDOH – HUB Project

Mr. Stutes serves as the Data Analysis, Conversion and Interfaces Lead for the Department Of Transportation's custom HUB application development project to manage planning, budgeting, and federal reporting for Division of Highways engineering, construction, right of way, and other projects. He pariticipates in daily scrum meetings with mixed dataview and client teams to review and respond to data-related support tickets, and to create epics, user stories, tasks, and issues to plan delivery by sprints using agile methodology maintained via the Azure DevOps toolset.

Mr. Stutes leads design, analysis, and development of Integration of HUB application with multiple applications, including Federal FMIS and State of West Virginia ERP system via batch interfaces using SQL Server SSDT packages. He also monitors and supports production operations and plans future enhancements of all interfaces in the HUB environment.

Mr. Stutes' responsibilities also include analysis, design and development of data related transformation and extract routines, as well as reporting artifacts in coordination with client and Dataview SMEs in an agile environment.

Artifacts produced include SQL scripts, SSDT packages to perform ETL to interface to FHWA FMIS and statewide ERP, and to migrate legacy data from disparate sources into HUB. Mr. Stutes is also responsible for interface operations support in production, data analysis and extraction, planning required data loads or corrections, mock conversions, and production cutover activity.

CGI, INC.   **JUNE 1995 – NOV 2019**

wvOASIS Upgrade, State of West Virginia – 10/18 TO 11/19

As a SME in the area of interfaces on wvOASIS Upgrade, Mr. Stutes was responsible for analysis and modifications to adapt all HRM production interfaces to comply with 3.11 CGI ADVANTAGE HRM release

wvOASIS Phase E, State of West Virginia Division of Highways – 07/17 TO 10/18

As Data Conversion Lead on wvOASIS Phase E, Mr. Stutes was responsible for systems analysis, design, development, and implementation of all Data Conversion artifacts. He coordinated responsibilities with CGI/State project managements and other team leads (e.g. Application, Conversion, Interface and Enterprise Readiness teams .

Multiple clients, ADVANTAGE 360 SAAS – 08/16 TO 07/17

As a SME in the area on interfaces and data conversion, Mr. Stutes designed and coded interfaces and conversion processes, including all common functions (DB connect, SQL lookup, properties file lookups). He also designed and developed the HRM/Payroll extract process to create files in support of all HRM interfaces.

SIGMA, State of Michigan – 07/14 TO 7/16

As Data Conversion Lead on SIGMA, Mr. Stutes was responsible for a distributed functional / technical team of 10+ members to perform systems analysis, design, development, and implementation of all Data Conversion artifacts. He coordinated responsibilities with CGI/State project management and other functional and technical team leads (e.g. Application, Conversion, Interface and Enterprise Readiness teams), and directly oversaw a team of five system consultants.

wvOASIS Phases A - D, State of West Virginia – 12/11 TO 7/14

As Data Conversion Lead on wvOASIS, Mr. Stutes was responsible for training and managing a distributed functional / technical team of 10+ members to perform systems analysis, design, development, and implementation of all Data Conversion artifacts. He coordinated responsibilities with CGI/State project management and other functional and technical team leads (e.g. Application, Conversion, Interface and Enterprise Readiness teams), and directly oversaw a team of eight system consultants.

PIMACORE, Pima County, Arizona – 09/10 TO 12/11

At PIMACORE, Mr. Stutes served as a Subject Matter Expert in the area of conversion and interfaces to ADVANTAGE Financial using Pervasive Data Integrator, batch scripts, and custom Java. Mr. Stutes designed and coded interfaces and conversion processes, including all common functions (DB connect, SQL lookup, properties file lookups). Conversions included all of Accounts Receivable, Procurement, and Vendor conversions from several legacy sources and formats (Oracle, excel, flat files). The interfaces included input / output to the client's other third party applications as well as interfaces between Advantage Financial & HRM to / from Advantage Performance Budgeting.

CALTRANS, California Department of Transportation, State of California – 01/10 TO 10/10

At CALTRANS, Mr. Stutes served as a Subject Matter Expert in the area of conversion. He designed and coded conversion processes, including all common functions (DB connect, SQL lookup, properties file lookups.

CMIPS II, California Department of Social Services, State of California – 10/09 TO 01/10

At CMIPS II, Mr. Stutes served as a Subject Matter Expert in the area of conversion to ADVANTAGE HR using Pervasive Data Integrator. Mr. Stutes designed and coded the most complex of the conversion processes, including all common functions (DB connect, SQL lookup,

properties file lookups) and the entire batch framework. He also was the approver for Pervasive conversion maps coded by other developers.

ADVANTAGE 3 Financial Upgrade, County of Volusia, Florida – 02/09 TO 10/09

At County of Volusia, Mr. Stutes was responsible for the development of 15+ inbound interfaces into ADVANTAGE Financial 3.7.0.2..   Along with producing documents in ADVANTAGE-ready xml, the PDI maps also produced reports with control breaks and summary totals to be used by County accounting staff to verify the completeness and accuracy of the interface loads..Mr. Stutes's functional knowledge of ADVANTAGE and expertise with PDI resulted in project staff asking Mr. Stutes to take over the struggling ADVANTAGE 2x to 3x data conversion effort. Volusia County had several atypical conversion requests, requiring substantial changes to baseline PDI maps, as well as several new maps. He completed the analysis, design, and development of these maps, and executed the initial phases of the conversion plan into Production, with zero issues directly related to conversion.

TEMPO Upgrade, Department of Environmental Quality, State of Louisiana – 09/07 TO 07/08

Mr. Stutes designed, built and tested PowerBuilder code for the TEMPO product that followed all team coding and testing standards.

DIESEL Retrofit, Department of Environmental Quality, State of New Jersey – 04/07 TO 11/07

Mr. Stutes was responsible for the development of several Microsoft Excel templates for the reporting of vehicle inventories to the department. During the course of the project, these templates grew to become mini-applications. Mr. Stutes was able to resolve every technical challenge thrown at him, resolve reported issues quickly and establish a working relationship with the client within a limited amount of time. Mr. Stutes also developed several custom java classes to parse xml files that contained instructions to import the Microsoft Excel spreadsheet data into the RSP application.

Advantage 3.0 Upgrade, City of Austin, Austin, Texas – 08/04 TO 03/06

Mr. Stutes served the City of Austin's ADVANTAGE 3 project from its start through its live date. Mr. Stutes served as the conversion team lead and lead technical. As conversion lead, he coordinated the highly-customized effort to convert the City's accounting tables and ledgers from its existing application(s) into the ADVANTAGE product's schema. He designed, coded, and executed the conversion plan, developed custom conversion utilities, and planned, coded, and executed conversion reporting. Mr. Stutes also designed, coded, and implemented several java and Versata modifications to the ADVANTAGE Financial software. Mr. Stutes also supported installation of all software components associated with the ADVANTAGE paradigm.

Advantage 3.0 Upgrade, City of Cincinnati, Cincinnati, Ohio – 03/03 TO 08/04

Mr. Stutes served as the functional lead in the Accounts Receivable, Fixed Assets, Security and Workflow areas. He also designed modifications to the ADVANTAGE 3 application, and worked

with the client to reengineer business processes, as appropriate. Mr. Stutes also served as the Conversion lead, coordinating the effort to convert the City's accounting tables and ledgers from its existing application(s) into the ADVANTAGE product's schema. The conversion effort involved development using the Data Junction ETL toolkit as well as custom Java conversion utilities. Mr. Stutes also served as the Technical / Implementation lead, coding and testing modifications to the ADVANTAGE application.

Internal Project, ADVANTAGE 3.0 Development, CGI– 08/99 TO 11/00

Mr. Stutes joined the ADVANTAGE 3.0 internal project at its inception in September 1999 as a functional analyst on the Accounts Receivable team. While on that team, he co-authored two of the most complex functional designs within the AR subsystem (Cash Receipts & Billing). When the development effort started, Mr. Stutes was named as the Accounts Receivable development team leader. He managed a team of eight programmer / analysts -- three full time AMS developers as well as a team of five full time contract developers. In addition to management responsibilities, Mr. Stutes authored the more complicated AR technical designs, and did Versata and custom Java development

Education

MBA., Lousiana State University, Management Information Systems

B.Sc., University of Southwestern Louisiana, Management

Resume – Chad Alford

Summary of Qualifications

Senior IT consultant with strong technical background with proven record of client success. Chad has over (16) years of information technology experience and nine (9) years of consulting experience helping public sector clients providing a wide array of services. His background ranges from performance management, security, infrastructure management, software design, business process improvement, change management, and process automation.

Professional Experience

Dataview, Charleston WV
5/2016–Present

Senior Consultant
Statewide ERP Project, Charleston, WV
9/12-5/16

Responsible for managing and maintaining the technical infrastructure for the ERP system. Responsibilities may include:

- Installation, configuration and management of the Linux, Windows and VMWare infrastructure
- Providing operations oversight of infrastructure and applications
- Help with installations, upgrades, application migrations and support of WebSphere applications for Test and Development teams.
- Deployment, administration and operational support of (System Test, Training, UAT & Production) environments.
- Managing performance capacity and capacity planning
- Managing project disaster recovery planning and testing

Current Assignment Details

The project is composed of Kronos WFC 7; AgileAssets 7; and CGI Advantage 3.9 Financials, Human Resources, Performance Budgeting, CPMS, and InfoAdvantage Reporting.

CGI Advantage full-stack troubleshooting

- Application-level troubleshooting via Versata tracing, application logs, and source code review.
- Infrastructure-level troubleshooting via Linux logs and tracing; database tracing (Oracle and SQL Server); network and HTTP tracing.

CGI Advantage environment refresh - Work with client stakeholders, functional and technical team members to define requirements on refreshing environments. Wrote software to automate process of importing data, scrubbing sensitive data, and reconfiguring user permissions

CGI Advantage archiving - Implement archiving of logging data for InfoAdvantge ETL, system logs, interface logs and oracle log tables.

CGI Advantage sensitive data protection - Work with Oracle professional services and client to implement Oracle Advanced Security features to meet auditing and regulatory compliance (Oracle Encryption, Oracle DB Firewall, Oracle AuditVault, Oracle Database Vault) for CGI Advantage Financials and Human Resources.

- Design and implement project infrastructure in primary and DR/COOP data centers.
  - Work with client on data center facility requirements
  - Coordinate delivery and implementation of third-party services
  - Oversee routine testing of DR/COOP solution, document test outcomes and review findings with project leadership
- HP 3PAR StoreServ 7400 (design / HA / security / performance / replication)
- Network (design / HA / security)
  - HP Virtual Connect
  - F5 BIG-IP Load Balancer
  - Cisco Nexus
- HP Gen 8 Bladesystem (c7000 enclosures, blades)
- VMware - vSphere (design / HA / security), VMware Site Recovery Manager
- Server (design / HA / security)
- Lead hardware and software upgrades
- Setup SAN-efficient Oracle backups with 3PAR RMO and traditional RMAN.
- Designed initial security posture for the project and coordinate external security audit. Kali, Metasploit, Nessus, nmap.
- Kronos WFC 7 installation, configuration and performance testing
- Install, Patch and security lock down of Oracle 11gR2 RAC Clusters.

- IBM WebSphere, IBM Http Server, IBM Http Server Plugin rules, WebSphere scripting and automation.
- Configuration Management – automated server configuration with version control (git) and puppet.
- Built monitoring and alerting process for environment (c#, asp.net, bash scripting)
- Built integration software between systems (c#, Web Service / Windows service)
- Wrote multiple automated processes to build/clone/refresh environments (servers, applications, databases).
- Help configure single sign-on integration between applications
- Monitor projects overall capacity and licensing needs
- Train and mentor team members

CGI, Charleston WV
Senior Consultant
2012–5/2016

Lead Infrastructure Engineer, Statewide ERP Project, Charleston, WV
9/12 – 5/16
Lead Infrastructure Engineer for 8 year $98M ERP implementation to modernize the State of WV budgeting, financial management, time and attendance and human resources operations. In this role, I've been given ownership of the design, implementation, security, disaster recovery and operation of the project's infrastructure.

Performance Management Specialist, Charleston, WV
8/11 – 9/12
Assigned to Hewlett-Packard's Enterprise Services group providing full stack management for U.S. Department of the Treasury, World Bank, U.S. Department of Housing and Urban Development in ITIL/ISO environments. Provide performance monitoring and automation services, leading tiger teams to resolve critical issues.

Database and Storage Admin, Charleston, WV
5/10 – 7/11
Provide Database and storage administration services for platforms that are critical to North American operations revenue stream as well as administration and support systems that affect users globally (time & attendance, payroll, auditing).

Senior Developer, Charleston, WV
11/08 – 3/10
Assigned to the State of West Virginia working at the client's site overseeing technical projects and systems. Provide development and project management services to ensure desktop and web application deliverables are on-time and meet state and federal requirements.

Data Engineer, Fairmont, WV
12/07 -12/08
Assigned to the DoD NG-ABIS national security biometrics project. Developed and rolled out a new biometrics platform used in military base security, terrorist tracking, and as a DoD forensics repository. This system processes biometric identification requests for soldiers in the field, cross-checking across multiple government biometrics systems. Provide Database and storage administration, security, and performance resolution services.

Lead Database and Storage Admin, Charleston, WV
2006 – 12/07

In charge of all data tier operations for Ticketmaster contact centers supporting 40+ applications, 200+ databases, and 4 data centers. Operations affect users in six countries and across four companies.

Security Clearance Issued

2011 U.S. Department of the Treasury - Public Trust
2011 U.S. Department of Housing and Urban Development - Public Trust
2008 U.S. Department of Justice – Secret, Top Secret
2008 U.S. Department of Defense - Secret, Top Secret

Education

West Virginia University Institute of Technology, BS Computer Science

Resume – Serge Kostyshyn

Summary of Qualifications

With more than 17 years in the Information Technology industry, Serge Kostyshyn has a wide range of experience providing project and account management support and is a seasoned professional in Business Requirements analysis, functional design development, end-to-end testing and implementing CGI Advantage ERP solution. He primarily worked on and successfully led teams in Advantage ERP custom development, system upgrade projects and support teams, with primary concentration in General Accounting, Accounts Payable/Receivable, Procurement, Inventory, VSS and Budgeting. Serge also developed functional designs for new functionalities to the Advantage Financial ERP system and developed TestSavvy automation scripts in the aforementioned areas of the system. His additional areas of knowledge and experience include Vendor Self Service (VSS), Security and Workflow Management, and Business Objects (Reporting and ETL). Serge has extensive experience in implementation phases, including Requirements gathering, Functional Design, Test Case Development, Review and Execution, End user training and Production Support. He has been involved in knowledge transfer exercises and mentorship of new team members, including monitoring and guiding their progress, workload and successful completion of tasks.

Professional Experience

Dataview Consulting
State of West Virginia, DOH PTS Replacement Project

 Principal Consultant   **02/2022 – Present**
State of West Virginia, DOH PTS Replacement Project

Participate in analysis and design of functionalities for the HUB application. Provide triage and analysis of production issues and defects related to the HUB application or relevant interfaced systems and work with the delivery team to identify resolutions.

CGI Technologies and Solutions Inc Experience

The State of Michigan, Advantage 4 Upgrade Project   01/21 to 02/22

Applied Advantage 4 knowledge to review and assess test topics provided by the client to develop TestSavvy automation testing scripts. Provided supports to team members by assisting with Advantage4 and TestSavvy functionalities. Provided guidance to CGI CAPS and DevOps teams with issues and escalations.

The City of Cincinnati, Advantage ERP: Systems Upgrade Project   05/20 to 12/20

- As Project Manager:

  - Ensured that the $500,000 project was completed on time and under budget;

  - Produced Project Management Plan and Project Work Plan written deliverables on time or ahead of schedule;

  - Created status reports to the client, managed task planning, resource coordination, risk and issue resolution, and production cutover planning and support. Conducted and lead project team and Steering Committee meetings;

- As Functional Lead/SME:

  - Developed future state Business Process Designs through meetings with client users. Configured system components as per Business Process Designs and supported System and User Validation Testing;

Customer and Project Support (CAPS), Group Lead   07/16 to 05/20

- Management and resolution of the Client Reported issues: answering client questions and researching resolutions of issues reported by Advantage clients;

- Defect Request Management: review Defect Requests submitted by the team, hold Q&A meetings with the baseline Product team;

- Team Leadership:

  - Assist in prioritizing issues within the team to align with overall organizational goals;

  - Provide individual support and assistance to group members as a functional SME.

  - Steer the team's activities by focusing on the issues critical to client's business activities.

- System Knowledge: work with system developers to identify, diagnose, and document problems and errors in specific technical components of a system.

- Report on defined quality metrics for overall status, issues, risks and mitigation plans to Project Management.

State of Alabama Accounting and Resource System, (CGI Advantage Implementation Project); Procurement Lead, Functional SME   01/14 to 06/16

- Implementation Analysis: Responsible for delivering the Procurement Implementation Analysis Document and providing system STE support in the effort.

- Lead a team of 3 business analysts to conduct requirement analysis, application

configurations, and prototyping of the Procurement and Vendor Self Service functional areas.

- Planned and managed requirements analysis and prototyping tasks in the Procurement and Vendor Self Service functional areas.

- Lead business process and requirement gathering sessions by providing the thought leadership on the analysis task.

- Lead prototyping sessions with the client. Supported prototyping for more junior staff members.

- Responsible for the development, content, and quality of the Procurement section of the Implementation Analysis Deliverable (IAD).

  - Prepared a Fit-Gap report for supporting the State's business functions and processes in Advantage.

The City of New York, Customer Support Group   **03/11 to 01/14**

- Client User Support: Responsible for answering client questions and researching resolutions of issues reported by NYC in their production environment.

  - Responsible for support of issues in Intra-systems Budget Integration and Interface processing.

  - Instrumental in reducing (by 39%) the backlog of the problem reported by NYC in 2012-2013.

- Leadership: Fostering communications between the client and the CGI offshore team.

  - Keeping track of the team's progress during Build or Porting testing.

  - Steering the team's activities by focusing on the issues critical to client's business activities.

- System Knowledge: work with system developers to identify, diagnose, and document problems and errors in specific technical components of a system.

- Report on defined quality metrics for overall status, issues, risks and mitigation plans to Project Management.

The City of New York, System Upgrade Project,

Business Analyst, Functional Lead   **01/06 to 02/11**

- Wrote Detail Designs from Approach Papers, translating them into System Test Scripts and participating in reviews, walkthroughs and meetings for these documents before they were issued to the client.

- Supervised and mentored functional on- and offshore teams during functional design efforts.

- Responsible for reviewing of functional designs and system test scripts.

- Led successful shakedown testing of the new functionalities developed for NYC in the client's Integration regions, and the creation and execution of Unit Test Cases in local patch environments.

- Facilitated interaction with the clients on any issues logged by the On-site team and worked with the offshore development team to fix those issues.

- Mentored new hires.

- Assisted QA and Baseline teams during their testing effort by performing reviews of the logged issues to validate their conformity with the newly developed functionality.

- Participated in Advantage Steering Committee Meeting discussions to baseline the new functionalities.

Advantage Financial 3.7 Release Upgrade - Custom Development Team; **Business Analyst**   **01/05 to 01/06**

Clients Projects Worked On: State of Utah, Commonwealth of Kentucky, City of Austin, TX

- Gathered, documented and analyzed client requirements to produce Functional Design documents which specified logic and UI for State of Utah's Internal Costing procedures. It was later baselined into future Advantage releases as a new Module.

- Analyzed client requirements for processing payments to the state agencies' vendors to produce functional design documents used to develop the Check Writer functionality used by Commonwealth of Kentucky. It was later baselined into future Advantage releases as a new Module.

- Prepared and executed system test cases that covered changes to City of Austin's Budget structures, as well as wrote supporting Functional Designs.

- Managed execution of system test scripts through daily status calls and monitoring daily defect statuses.

Education

B.Sc., Pennsylvania State University, Management and International Business

Certifications: SAFe PO/PM Training, CGFM Training;

Resume – Udaya Chuliat

Summary of Qualifications

- 19+ years of experience in the IT industry including 7 years in the US.
- Experience setting up practice of enterprise design patterns and guidelines for the development of applications and frameworks
- Provides technical consultation in new systems development, new package evaluations and enhancements of existing systems
- Development of technical standards and provides resolution of complex system problems
- Providing application development and technical support for customer websites

- Worked closely with clients and expert in understanding and translating the business needs into viable technical solutions.

Professional Experience

Dataview Consulting
WV Department of Highways, Charleston, WV
Technical Architect   **May 2018 – Present**
HUB Application, Payroll Prelim Application

- Worked closely with the US team to break down the requirements into user stories and lead the development effort of Capital Project and Program Management application for WVDOH.
- Performed code reviews, code merging and manage Github process for Release Management.
- Developed and documented the change management process
- Coordinated with other developers, SME's, and analysts in a tightly knit, agile team.
- Managed process improvement effectively to achieve better performance and outcomes.
- Worked with analysts and design and develop solutions that meet the client requirements.
- Worked with the Analysts and Project Manager for Project Planning, Road Map, Scoping and timeline projection.

iValei Solutions Pvt. Ltd.
Technical Architect.   **May 2014 - June 2017**
Client: Bellese Technologies, Maryland.

- Performed code reviews; developing and adhering to coding standards
- Designed and developed the web solution
- Develop automated test execution from Fitnesse.
- Applied and integrated emerging technological trends to new and existing systems architecture
- Played role of Scrum Master and coordinating between India and US Development teams.
- Lead a team to evaluate, select, and design application development technologies

CGI Federal, Inc. Fairfax, VA.
Senior Consultant.   **October 2010 to May 2013**
Client: CROWNWeb , Center for Medicare Services [CMS].

CROWNWEB IS A WEB-BASED DATA-COLLECTION SYSTEM THAT IS MANDATED BY CMS TO ENABLE DIALYSIS FACILITIES TO MEET SECTION 494.180(H) OF THE 2008

- Communicating with the business users/owners for requirement gathering and analysis.
- Involved in providing architecture solution and analysis of requirements by use

cases.

- Involved in preparation of HLD and LLD and TDD documents for the business requirements.
- Scrum master.
- Created sequence diagrams, class diagrams for the modules/use cases using Enterprise Architect modeling tool.
- Involved in design of Database Model.
- Involved in re-designing and architecting COGNOS reports.
- Involved in design and implementation Utility classes for database layer.
- Contributed in design and development of DAO layer using Spring JDBC framework.
- Developed unit test cases using jUnit 4.0.
- Mentoring junior developers.
- Project demo at client site and other government offices.
- Developed stored procedures for duplicate patients and merged patients modules

Senior Consultant   April 2006 to October 2010.
CGI Advantage , US Local county and State offices.

- Technical Documentation based on functional Specification.
- Coordinating with the Functional team in case of any discrepancy encountered while preparing Technical Document.
- Conducting internal peer-Reviews before sending the document for final reviews.
- Attending Technical document and Code Reviews.
- Development of various Dataobjects, Queryobjects and Application pages in Versata as per the Technical Design document.
- Enforcing Business rules using Constraints and Actions in the Business Rules Designer of Versata, writing of customized Java methods as per defined in Business Rules Designer.
- Developed EJB for communication with HRM application.
- Development also involved coding of Batch processes in java that are scheduled as per nightly, weekly, monthly and quarterly cycle without user initiation and also on demand.
- Performing Shake Down Testing, Incident Fixing, Unit Testing and Raising incident(s) identified during System Testing.

GCE Inc. Reston, VA.
Client: General Services Administration,US.
Consultant   October 2005 - April 2006.

VMoksha Technologies Pvt. Ltd,Pune
Client:S1, Belgium
Position: Sr Programmer.   May 2003 - Dec 2003.

Employer: Yojna Systems Pvt. Ltd.

Client:Bank of America
Sr Programmer.   **Sept 2002 - Apr 2003.**

Employer: Zensar Technologies Ltd.Pune
Client: Cisco Systems, USA
Programmer   **Dec 2000 - Sept 2001.**

Education

 Bachelor of Engineering (B.E. – Computer science) , Pune University, India. 2000.
Sun Certified Programmer for the Java 2 Platform, Standard Edition 1.4

Resume – Pramod Sahoo

Summary of Qualifications

13+ years of IT experience with focus on designing, development, support and maintenance for Financial services, shipping industries and Construction. Expertise in Application Development with full lifecycle experience of implementing large Client/Server Applications using Microsoft Technology (ASP .Net, ASP.Net MVC, Dot Net Core, C# .Net, Web API, Sql Server, MSBI). Experience in Analysis, Design, Development and Implementation of Object-Oriented Concepts using n-tier and MVC technology.

Professional Experience

Dataview Consulting
HUB Project, WV Department of Highways, Charleston, WV
Senior Developer   **Aug 2019 – Present**

- Worked as lead developer on complex modules like Workflow, Phase, funding, Change request.
- Analyzed requirements and implemented functionality based on client requirement in our working session.
- Handled on Workflow Engine functionality independently from end to end.
- Worked on SSIS in interface which was calling WF API.
- Pair programming and reviewing other developer's code.
- Worked and resolved production problems with new insights.
- SQL Server programming like SPs, Database Design and Implementation, Query Optimization.
- Assisted during system testing, QA, production, UAT and deployment.

UST Global India, Bangalore
Senior Analyst   **Oct 2017– Aug 2019**
- Lead, Understanding Customer requirements, enhanced functionality with existing and newly specified business systems based on client requirement.

- Designed single database for all applications.
- Migrated data from multiple DB into single DB.
- Pair programming and reviewing other developer's code
- Worked and resolved production problems with new insights.
- Regular interaction (in person, email, team meeting and over phone) with business and technical partners locally and globally for status update, requirement discussions, discussion around solution/approach etc.

Ampsys Consulting Pvt. Ltd – Bangalore
Tech Lead   **March 2010 – May 2017**
- Designed and developed various MIS reporting using Crystal Report.
- Lead, Understanding Customer requirements, involved in design decision making and development.
- Designed and implemented Data Integration and ETL processes with SSIS packages to make data available for tracking system from various RTA vendor files.
- Designed and developed various MIS reporting using SSRS.
- Lead, Understanding Customer requirements, involved in design decision making and development.

Java Point Systems Pvt. Ltd.– Bhubaneswar
Project coordinator   **June 2007 – Dec 2009**

Education

MCA, Biju Patnaik University of Technology, Bhubaneswar, - 2007
BSC MATH HONS, Marshagi College, Utkal University , Bhubaneswar, 2003

Resume - Jagan Battu

Summary of Qualifications

 Senior Manager with experience in managing the development, implementation, and operations teams for large-scale IT organizations and implementations. History of progressive advancement and leadership responsibility with more than 25 years of experience in Systems Analysis, Application Software Design, Development, Deployment, Implementation, Maintenance, and Operations. Proven ability in building strong relationships with clients and a track record for creating cohesive motivated teams that deliver work products within the budget, on schedule, and to customer satisfaction.

Professional Experience

Dataview Consulting
Principal Consultant/Operations Manager   **08/2017 – Present**

STAARS Managed Services, State of Alabama

- Serves as the Account Manager for managed services contract with the State of Alabama Department of Finance. Responsible for ensuring all contractual obligations are met.
- Gathered and analyzed Sate business processes and requirements related to Financial, Budgeting, and Reporting Operations and then set up a 24x7 managed services support structure and teams to serve those requirements.
- Manages day-to-day operations and works closely with the State leadership in identifying and addressing issues as they arise.
- Implemented custom solutions to integrate State Business Systems with other third-party applications.
- Provides SME support to the State teams as they implement new statewide HRM and Payroll Applications.

CGI, Fairfax, VA   **1997 - 2017**

SIGMA ERP Implementation, STATE OF MICHIGAN – 02/16 to 07/17

wvOASIS ERP Implementation, STATE OF WEST VIRGINIA – 03/12 to 01/16

- Served as the Technical and Implementation Manager for statewide implementation of an ERP system that included CGI Advantage suite of products (Advantage Budgeting, Financials, Procurement, Human Resource Management, and Payroll) and other third-party products (Kronos and AgileAssets). Provided leadership and managed the team responsible for Technical Infrastructure, Environment Design, Configuration Management, Database Administration, Performance Testing, Production Operations, Batch Cycles, Help Desk Support, and Release Management.
- Drafted the development approach, established the SDLC and set the project development standards for Forms, Reports, Interfaces, and Application development teams.
- Created the policies and processes for Configuration Management, Software Delivery, Change Control, and Incident Management. Helped implement these policies using IBM Rational tools, Jira, and Perforce. Performed analysis and guided development teams in integrating project-specific incident management system (Jira) with CGI Solutions support center (Remedy) using OpsHub Integration Manager.
- Created and maintained the project plan for the technical team's activities. Responsible for resource forecasting, planning, and task assignment in a fluid environment with shifting priorities and changing schedules.
- Performed the Fit/Gap analysis of the State's technical requirements to identify the configurations, processes, and policy changes that are needed to fit within the system options available. Appropriate recommendations are made to enhance the system based on cost/benefit analysis.
- Contributed to the technical environment design and managed the infrastructure.
- Established a globally distributed operations team and managed production operations. This team's responsibilities include:
  - Ensure the availability of the applications per contract requirements.

  - Install the Job Scheduler tool and develop batch job cycles.

- o Schedule/monitor the batch cycle executions and alert the support staff of any incidents.

- o Provide support to development and business teams in debugging issues and serve as tier 2 support for Help Desk staff.

- o Produce Operations Documentation deliverables.

FMS/3, NEW YORK CITY FINANCIAL INFORMATION SERVICES AGENCY – 02/06 to 02/12

- Served the role of Development Manager responsible for overseeing the design, development, and delivery of the application enhancements during the implementation of the FMS/3 project. This implementation focused on the migration of New York City's Financial Management System, FMS, to a new integrated solution, FMS/3. The CGI Advantage ERP solution was the core of the integrated FMS/3 solution which also included several custom applications. The implementation effort included substantial product enhancements and integration with agency and enterprise applications.
- Established and managed a team of over 50 developers, CMs, and solution architects using the global delivery model. The team was responsible for the analysis of the functional requirements, technical designs, development of the enhancements, resolution of the software defects, and eventual delivery of the software to the client.
- Created the delivery processes, optimized the build process, and managed the delivery schedules. Acted as a point of contact for clients and the project team for delivery support and technical issues.
- Assumed the role of Technical Manager responsible for maintenance, defect fixing, and client support activities. Created and managed the project plan for project-specific maintenance releases and hardware/software upgrades.
- Transitioned the project team work products such as interfaces and reports development to the maintenance team.

Product Development, STATE AND FEDERAL GOVERNMENT AGENCIES – 03/04 to 01/06

- Served as the Technical SME and Manager and was responsible for integrations between CGI products Performance Budgeting and Momentum Financials. The integrations are webMethods-based implementations and the product platforms included WebLogic, WebSphere, and various RDBMS.
- Responsible for project planning, management of the various integration releases, requirement analysis, feasibility studies, development efforts, overseeing the testing and configuration management efforts, and quality control.
- Handled the maintenance efforts for the CGI proprietary budgeting products Performance Budgeting and BRASS used by various government agencies across the United States.

VIRGINIA DEPARTMENT OF TAXATION – 05/01 to 02/04

- Served the roles of a Development Team Lead and Senior Technical Resource. Responsible for the design, analysis, and build of the Security and CNL components of the system.
- Provided day-to-day support to the team members, established development procedures, came up with the development plan, reviewed the code, and provided the status and issues

to the management.
- Trained clients as well as CGI developers with Advantage Revenue development environment, standards, and procedures.

KENTUCKY REVENUE CABINET – 12/00 to 05/01

- Development Team Leader responsible for the design and build of the PowerBuilder application server components. His team consisted of programmers from both the CGI and the KRC.
- Trained the team with the architecture and functionality of the MTI Project. Helped set up the development environment and established guidelines and procedures for the development team.
- Worked on the database design and performed technical reviews of the General System Design documents.

KANSAS DEPARTMENT OF REVENUE – 04/99 to 11/00

- Served as a senior developer responsible for working independently to design/develop some of the most technically challenging development packages of the build. Leveraged his advanced knowledge of the system to become a resource for junior developers.
- Took on the support lead role and worked with client SMEs to identify appropriate resolutions to numerous critical production incidents. Mentored and trained client team members about the technical environment and the system functionality.

MISSISSIPPI STATE TAX COMMISSION – 08/98 to 04/99

- Performed the role of application designer and developer. Produced detailed system designs to meet system requirements and developed the application software using PowerBuilder in the 3-tier client/server environment.
- Supported the System Test by fixing defects.

MICHIGAN DEPARTMENT OF REVENUE – 07/97 to 07/98

- CACS application developer responsible for producing detailed designs and development using PowerBuilder and PL/SQL Stored Procedures. During the implementation phase of the project, supported the project by producing detailed designs for critical last-minute enhancements.

Education

Bachelor of Engineering, Mechanical Engineering, Osmania University, India.

Resume - Naresh Kumar

Summary of Qualifications

4+ years of IT experience on designing, development and maintenance of enterprise applications.

Professional Experience

Dataview Consulting
PTS Replacement Project
WV Department of Highways, Charleston, WV

Software Developer   **Aug 2019 – Present**

- Worked as developer on modules like Phase, funding, Change Request and Implemented email notifications for a Project, Phase and Change Request workflow based on user roles.
- Handled Xunit, Fluent validation and Serilog kibana for logging independently with less supervision.
- Developed web forms using Kendo UI for ASP.NET Core controls, with validations and unit tests. • Worked on Entity Framework, LINQ to entity for data access and writing SQL queries and creating SPs, Views and functions .
- Optimized code, resolved bugs quickly and effectively, reviewed the code developed by other developers.
- Worked on SSIS interfaces as per requirements. Implemented Data seeding for non-transactional tables as per client requirements.
- Coordinated with Analysts to understand, analyze to provide estimations for the requirements
- Worked within Agile team environment and participated in multiple scrum meetings to discuss planning and development needs for current cycle

Ampsys Consulting Pvt. Ltd
Software Developer   **Sept 2018 – July 2019**

Payroll Application   **Apr 2019 - July 2019**

- Application consists of information regarding a company's records of its employees' salaries and wages, bonuses, and withheld taxes.
- Involved in the analysis, design, estimation and development to meet the client requirements
- Analyzing Business logic and Implemented logics in Web API using C# and Sql.
- Coordinated with front-end developers to integrate API and cross check the UI functionality
- Involved in the code optimization process to improve performance of the application.
- Efficiently handled most of the aspects including maintenance, bug fixes, debugging and deployment.

WealthERP Investor Application   **Feb 2019 - Mar 2019**

- This project is a platform for the Investors to get a complete view of net position, capital gain of mutual funds, equity, debt, assets allocation and vault. The application lets the users see their managed account as in the summary of their transactions, investments, holding statements etc.
- Analyzing Business logic and Implemented logics in Web API using C# and Sql.
- Involved in the optimization, debugging and deployment of code.

SBICAP Securities Project   **Dec 2019 - Jan 2019**

- SBICAP Securities is a part of SBI group led by State Bank of India, which is an online trading platform for MF, NCD, IPO. It allows SBI to manage associates, branches, RMs and customers from same platform and it also provides a separate platform for online order placing for the customers.
- Handled live issues and fixed defects logged by users.

WealthERP   **Sept 2018 - Nov 2018**

- A Wealth Management/Financial Planning application aimed at Wealth Advisors, Financial Planners and Distributors. The platform covered multiple asset classes and allowed advisors to plan, manage and analyse investments across assets and thus have a complete view on their client's investments.
- Involved in the designing of GUI, Database Tables and Stored Procedures.
- Modification of the application according to the requirement of new Advisors.
- Developed new RDLC and SSRS reports.
- Modified the SSIS Packages as requirements.
- Handled live issues and fixed defects logged by users.

Education

B.E (ECE), Sengunthar Engineering College, Tiruchengode, Tamil Nadu in 2017
HSC & SSLC, Govt Higher Secondary school, Karimangalam, Tamil Nadu in 2013

Resume – Ashok Kumar

Summary of Qualifications

2+ year of IT experience in Software Analysis, Design, Development, Implementation, Testing and Supporting distributed Client/Server and web-based business solutions. Experience in

developing and implementing applications using C#.Net, ASP.NET Web API, .Net Core API, SQL Server and Oracle. Experienced in developing Single Page Application (SAP) using Angular, Type Script, CSS and HTML and   integrating third part into application like DocuSign, Power BI, and NPM modification.

Professional Experience

Dataview Consulting
Land and Streams Application
WV Department of Natural Resources

Developer   **Nov 2022 – Present**
- Development of DNR AP and AR Modules
- Involved in unit, integration testing and bug fixing
- Working with Senior Development staff in design activities

Ampsys Consulting Pvt. Ltd
Software Developer   **Dec 2020 – Oct 2022**

Daxom Project, Nuance   **Oct 2021- Oct 2022**

- Material design UI layouts, 3D effect tables and dashboard design using gauge charts
- Involved in the optimization, debugging and deployment of code
- Involved in unit, integration testing and bug fixing
- Coding, design and report design and support
- Using JIRA stake holders generating tickets for development and changes (bugs)

WealthERP Investor Application   **Dec 2020- Sep 2021**

- Upgraded the existing application from Angular JS to Angular 6
- Converted wireframes to UI layouts
- Developed enhancements to existing aspects of application using Kendo UI for Angular.
- Involved in the optimization, debugging and deployment of code
- Involved in unit, integration testing and bug fixing

Resume - Mohamed Abusheak

Summary of Qualifications

1+ year of experience as a QA Analyst. Focus on QA automation and integrated testing.

Professional Experience

Dataview Consulting
PTS Replacement Project,
WV Department of Highways, Charleston, WV

 QA Analyst   **July 2021 – Present**

- Reviews documents and understand testing requirements.
- Work with the test lead on software testing requirements.
- Develop test cases (Manual as well as using Telerik test studio) and prioritize testing activities.
- Execute all the test case and report defects, define severity and priority for each defect.
- Carry out regression testing every time when changes are made to the code to fix defects.

Education

B. Tech Computer Science, PRIST University 2020

Resume - Manisha Sharma

Summary of Qualifications

4+ years of experience in IT consulting, software design and development with focus on Agile Development as Software Developer. Expertise in building test automation scripts for enterprise applications.

Professional Experience

Dataview Consulting
PTS Replacement Project
WV Department of Highways, Charleston, WV

 Software Developer   **Nov 2021 – Present**
- Automating workflow of projects and phase in tools Telerik Test Studio based on user stories
- Development of UAT manual and automated smoke testing scripts
- Development of Reference Data screen pages for administrators
- Handling data cleanup and defects issues
- Git Support including managing all backend and data cleanup related script, creating new branches ,managing branches conflicts,

Ampsys Consulting Pvt. Ltd
Software Developer   **April 2019 - Nov 2021**

WealthERP   **July 2020 - Nov 2021**
White labeled, cloud based, Multi Asset Wealth Management

- Gui Design, Development, Unit Testing
- Deployment and support of UAT and Production server
- Building and maintenance of Console stand alone application
- SSRS Report Design

BSE Star Online Project.   **Dec 2019 to July 2020**
Platform to Mutual Fund Distributors (MFDs) to purchase and redeem mutual fund units

- API method Development,
- Unit Testing, Deployment of API to UAT
- Production Server. Maintenance and Support

SBICAP Securities   **May 2019 to Dec 2019**
- API method Development,
- Unit Testing, Deployment of API to UAT
- Production Server. Maintenance and Support

Distributer Download ARN details   **April 2019 to May 2019**
- Automation of Distributer download website to fetch data from site and move it to database.

Education

Master in Computer Application, CV Raman College of Engineering, BPUT University Odisha, 2015
Bachelor in Computer Application, Sikkim Manipal University, 2011

Resume - Abhishek Harish

Summary of Qualifications

15+ years of experience in human resources management and functional IT consulting developing, documenting, designing and testing business technology solutions. He has

strong expertise in providing consulting services to public sector clients for development of IT strategic plans and assisting clients with implementation of new business systems.

Experience includes roles as a business analyst on maintenance correcting software defects, managing various product and releases for HRM, Employee Self-Service (ESS), and Manager Self Service (MSS)

Professional Experience

Dataview Consulting
STAARS, State of Alabama Department of Finance

HRM Consultant   **Oct 2022 – Present**
- Assist State in upgrade of legacy GHRS application to Advantage 4 HRM.
- Work with operation team to setup and configure HRM Nightly and Payroll Cycle
- Assist State Agencies during the phased rollout of HRM application

CGI   **June 2006 –
Present**

County – PAM Team Lead
- Outlined, designed and tested a new report for Fringe Expense Reclassification – Fringe Expense Benefit Reclassification Report. This report is used to create JVER documents in Financial to reclassify fringe expense to the appropriate Object than that of the Salary Object
- Documenting and testing the IOCLD functionality
- Detailed testing of Overtime, FLSA and Stipends. This includes the different FLSA cycles, the inclusion of time and dollar based stipends in FLSA computation (blended rate) and proration of dollar based stipends across multiple FLSA cycles.
- Parallel Payroll comparisons and dispositions
- Providing training and knowledge sharing session to various school districts to demonstrate the various levels of PAM hierarchy and processing of PAM end-to-end.
- Training and mentoring new members to acquaint them with Payroll Accounting Management.

State – HRM Team Lead - Upgrade
- Evaluate Release Notes from 3.10 & 3.11 1. for customizations replaced by baseline functionality, determine the LOE to configure, test, gain client acceptance.
- Determine gaps that the client will have to accommodate by replacing 3.9 customization with 3.11 baseline functionality. Determine gaps that the client will have to accommodate by material changes in functionality in release 3.11.
- Document Regression & Integrated System Testing. Determine regression test approach and process, including use cases and inventory of test scripts. Determine integrated system test approach and process, including use cases and inventory of test scripts.

- Support interfaces, integration, reports, forms, operations. Assist technical team in the assessment of development objects and the effects of release 3.11 functionality.

State – Time and Leave Team lead

- Responsible for the business process analysis and prototyping of for Time & Attendance and Leave. Performed as-is business process review and prototyping to assist State in understanding Advantage HRM functionality and recommend direction in the implementation of Time & Attendance and Leave.

- Prototype sessions included large audiences, over 60 at times, to explain and demonstrate key functionalities of the 3.11 release of Time and Leave.

- Worked in creation of system test outlines and test suites, system test and integration test execution.

- Actively involved in designing, documenting and testing the time and leave systems to ensure complete integration with CGI Advantage Payroll and Labor Allocation.

- Conducted several agency visits to understand and design key agency specific business processes.

State – Payroll Team Member / PAM Team lead

- Responsible for the business process analysis and prototyping for payroll and payroll accounting management. Performed as-is business process review and prototyping to assisted State in understanding Advantage HRM functionality and recommend direction in the implementation of Payroll and Payroll Accounting Management. Mr. Harish has worked closely in authoring concept papers and functional designs, in creation of system test outlines and test suites, system test and integration test execution.

- Actively involved in designing, documenting and testing the integration model between various PAM related scenarios in Advantage HRM.

- Actively involved in Pre-production activities and Post-Production support for Payroll, Payroll-related and Payroll Accounting Management issues and business processes.

County

- Worked authoring concept papers and functional designs, in creation of system test outlines and test suites, system test execution and was part of the client reported issue recreation efforts for the County.

Manager Self Service (MSS) and Employee Self Service (ESS) - Baseline (3.9 Release and 3.10)

- Worked in authoring concept papers and functional designs, in creation of system test outlines and test suites, system test execution and was part of the client reported issue recreation efforts for the County.

Education

Bachelor of Commerce, Accounts, Bangalore University, Bangalore, India
Post Graduate Diploma in Management, Human Resources & Finance, NICMAR – School Of Management, Pune, India