



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at [wvOASIS.gov](http://wvOASIS.gov). As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at [WVPurchasing.gov](http://WVPurchasing.gov) with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header @ 2

List View

- General Information**
- Contact
- Default Values
- Discount
- Document Information
- Clarification Request

Procurement Folder: 1274756

Procurement Type: Central Master Agreement

Vendor ID: VS0000039921

Legal Name: ENTERPRISE SOLUTIONS INC

Alias/DBA:

Total Bid: \$857,294.46

Response Date: 08/30/2023

Response Time: 12:26

Responded By User ID: ESI2023

First Name: Dheeraj

Last Name: Mehta

Email: gov@enterprisesolutioninc.cc

Phone: 16302141163

SO Doc Code: CRFQ

SO Dept: 0203

SO Doc ID: CPR2400000001

Published Date: 8/23/23

Close Date: 8/30/23

Close Time: 13:30

Status: Closed

Solicitation Description: RFQ for Professional Application Developers

Total of Header Attachments: 2

Total of All Attachments: 2



Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

**State of West Virginia  
 Solicitation Response**

**Proc Folder:** 1274756  
**Solicitation Description:** RFQ for Professional Application Developers  
**Proc Type:** Central Master Agreement

Solicitation Closes	Solicitation Response	Version
2023-08-30 13:30	SR 0203 ESR08302300000001086	1

**VENDOR**  
 VS0000039921  
 ENTERPRISE SOLUTIONS INC

**Solicitation Number:** CRFQ 0203 CPR2400000001  
**Total Bid:** 857294.4599999999627470970153 **Response Date:** 2023-08-30 **Response Time:** 12:26:20  
**Comments:**

**FOR INFORMATION CONTACT THE BUYER**

Melissa Pettrey  
 (304) 558-0094  
 melissa.k.pettrey@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	Temporary information technology software developers				857294.46

Comm Code	Manufacturer	Specification	Model #
80111608			

**Commodity Line Comments:** The contract amount mentioned is inclusive of base year and all optional years.

**Extended Description:**

Temporary information technology software developers

**PROPOSED TO:**



**THE WEST VIRGINIA PURCHASING DIVISION  
ON  
BEHALF OF CONSOLIDATED PUBLIC RETIREMENT BOARD (CPRB)**

**RFQ FOR PROFESSIONAL APPLICATION DEVELOPERS**

**SOLICITATION NO. CRFQ 0203 CPR2400000001**

**PROPOSED BY:**



**ENTERPRISE SOLUTIONS, INC.**

**Designated Contact:** Shirish Paul (Vice President)

**Phone:** 949-413-4034

**Email:** [gov@enterprisesolutioninc.com](mailto:gov@enterprisesolutioninc.com)

**Address:** 700 East Diehl Rd, Suite 110, Naperville, IL 60563

**DUE DATE: AUG 30<sup>TH</sup>, 2023 at 01:30 PM EST**



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**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) **Shirish Paul, Vice-President**

(Address) **700 East Diehl Rd, Suite 110, Naperville, IL 60563**

(Phone Number) / (Fax Number) **(949-413-4034) / (630-209-1026)**

(Email address) **gov@enterprisesolutioninc.com**

**CERTIFICATION AND SIGNATURE:** By signing below, or submitting documentation through *wvOASIS*, 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.*

**Enterprise Solutions, Inc.**

(Company)

DocuSigned by:

*Shirish Paul*

(Signature of Authorized Representative)

**Shirish Paul, Vice-President**

(Printed Name and Title of Authorized Representative) (Date)

**(949-413-4034) / (630-209-1026)**

(Phone Number) (Fax Number)

**gov@enterprisesolutioninc.com**

(Email Address)

Revised 11/1/2022



REQUEST FOR QUOTATION  
**Professional Application Developers for COMPASS**  
**CRFQ CPR240000001**

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**SPECIFICATIONS**

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of Consolidated Public Retirement Board (CPRB) to establish a contract for two (2) Professional Application Developers for the COMPASS System. This contractor will provide application development services to maintain, enhance, and support the ongoing operations of the COMPASS system.
2. **DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.
  - 2.1 **“Contract Services”** means Application Developer contractor to provide application development services to maintain, enhance and support the ongoing operations of the COMPASS system as more fully described in these specifications.
  - 2.2 **“Pricing Page”** means the pages, contained wvOASIS or attached hereto as Exhibit A, upon which Vendor should list its proposed price for the Contract Services.
  - 2.3 **“Solicitation”** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.
  - 2.4 **“Business Hours”** means Monday – Friday 8:00 AM to 5:00 PM EST excluding weekends and Federal and State holidays, which are as follows:
    - New Year’s Day (January 1)
    - Martin Luther King Day (Third Monday in January)
    - President’s Day (Third Monday in February)
    - Memorial Day (Last Monday in May)
    - West Virginia Day (June 20)
    - Independence Day (July 4)
    - Labor Day (First Monday in September)
    - Columbus Day (Second Monday in October)
    - Veterans Day (November 11)
    - Thanksgiving (Fourth Thursday in November)
    - Day After Thanksgiving (Fourth Friday in November)
    - Christmas Day (December 25)

Revised 12/12/2017



REQUEST FOR QUOTATION  
**Professional Application Developers for COMPASS**  
**CRFQ CPR240000001**

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**3. CURRENT ENVIRONMENT TO BE SUPPORTED:**

3.1. In 2017 the Consolidated Public Retirement Board implemented COMPASS to modernize and replace the legacy application for its membership management and pension administration system. COMPASS was built utilizing using the .NET 4.5 Framework with VB.NET as the main language. The underlying data is stored in a Microsoft SQL Server 2016 instance.

**4. QUALIFICATIONS:** Vendor, or Vendor's staff if requirements are inherently limited to individuals rather than corporate entities, shall have the following minimum qualifications:

**4.1.** The Vendor must provide documentation to validate the following requirements (see Exhibit B).

**4.1.1.** The Vendor must provide Application Developer Contractor with two (2) years prior experience in the following applied knowledge and skillsets:

- 4.1.1.1. Microsoft Visual Studio 2013
- 4.1.1.2. VB.NET
- 4.1.1.3. XML
- 4.1.1.4. ASP.NET
- 4.1.1.5. CSS
- 4.1.1.6. HTML
- 4.1.1.7. JavaScript
- 4.1.1.8. SQL Server 2016
- 4.1.1.9.** SQL Server Reporting Services (SSRS)

**4.1.2.** The Vendor must provide Application Developer Contractors with a minimum of two (2) years of paid experience working on application VB.NET development projects. The Application Developer Contractors must provide details of experience in participating in the following:

- Debugging Code for existing systems within Microsoft Visual Studio 2013. Documenting code changes consistently throughout the development process
- Working on a team with business analysts to define new features that the contractor has then coded and successfully integrated for existing systems
- Working on a team with developers to upgrade and Configuring existing Code

Revised 12/12/2017



REQUEST FOR QUOTATION  
**Professional Application Developers for COMPASS**  
**CRFQ CPR240000001**

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- Software testing, including system integration and regression testing, to ensure application changes continue to meet the business needs
- 4.1.3.** The Vendor must provide Application Developer Contractors with a Bachelor of Science degree from an accredited college or university in computer science or related field including.
- 4.1.3.1.** If the Vendor is providing Application Developer Contractors with a Bachelor of Science degree in Computer Science, then they must submit a copy of their diploma.
- 4.1.3.2.** If the Vendor is providing Application Developer Contractors with a Bachelor of Science degree in a related field, then they must provide transcripts highlighting the applicable courses.

**5. MANDATORY REQUIREMENTS:**

**5.1 Mandatory Contract Services Requirements and Deliverables:** Contract Services must meet or exceed the mandatory requirements listed below.

**5.1.1 Contract Services #1 – Professional Application Developers:** The Vendor must provide Application Development contractors to modify/enhance COMPASS as needed to meet the ongoing operational needs of the State of WV Consolidated Public Retirement Board during Business Hours. The Contractors will be responsible for the following:

- 5.1.1.1** Making required code changes to modify/enhance COMPASS to meet the ongoing operational needs of the agency.
- 5.1.1.2** Utilizing Visual Studio to track code change requests, source code versioning, and document changes to source code as well as related design documents. These code changes can include changes to the Database utilizing SQL Server 2016
- 5.1.1.3** Assisting other team members in troubleshooting application related issues. Developers must be able to collaborate virtually as well as handoff tasks as required.

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REQUEST FOR QUOTATION  
Professional Application Developers for COMPASS  
CRFQ CPR240000001

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**5.1.1.4** Working with the IT team to complete all assigned code change requests within the monthly deployment time frames This means all new code has been unit tested and documented by the contractors and results validated with a business user prior to deployment.

**5.1.1.5** Working with the Business Team to complete issue triage. This means actively responding to assigned Code change requests, identifying specific occurrences of issues, reviewing documented samples of an issue and actively seeking out a code fix if applicable.

## 6. CONTRACT AWARD:

**6.1 Contract Award:** The Contract is intended to provide Agency with a purchase price for the Contract Services. The Contract shall be awarded to the Vendor that provides the Contract Services meeting the required specifications for the lowest overall total cost as shown on the Pricing Pages.

**6.2 Pricing Page:** Vendor should complete the Pricing Page by providing an hourly rate as the unit cost. Vendor should complete the Pricing Page in full as failure to complete the Pricing Page in its entirety may result in Vendor's bid being disqualified.

### Pricing Page Example:

Unit Cost (per hour) X Estimated Quantity = Extended Cost

Contract Item	Description	Unit of Measure	Estimated Quantity*	Unit Cost	Extended Cost
5.1.1	Contract Service #1: Senior Applications Developer	Per Hour	2080	55.00	114,400.00
5.1.1	Optional Renewal Year 2 for Contract Service #1: Senior Applications Developer	Per Hour	2080	56.00	116,480.00
5.1.1	Optional Renewal Year 3 for Contract Service #1: Senior Applications Developer	Per Hour	2080	57.00	118,560.00
5.1.1	Optional Renewal Year 4 for Contract Service #1: Senior Applications Developer	Per Hour	2080	57.99	120,619.20
				<b>Total Cost</b>	470,059.20

Vendor should type or electronically enter the information into the Pricing Pages through wvOASIS, if available, or as an electronic document.

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REQUEST FOR QUOTATION  
**Professional Application Developers for COMPASS**  
**CRFQ CPR240000001**

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7. **PERFORMANCE:** Vendor and Agency shall agree upon a schedule for performance of Contract Services and Contract Services Deliverables, unless such a schedule is already included herein by Agency. In the event that this Contract is designated as an open-end contract, Vendor shall perform in accordance with the release orders that may be issued against this Contract.
8. **PAYMENT:** Agency shall pay hourly as shown on the Pricing Pages, for all Contract Services performed and accepted under this Contract. Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.
9. **TRAVEL:** Vendor shall be responsible for all mileage and travel costs, including travel time, associated with performance of this Contract. Any anticipated mileage or travel costs may be included in the flat fee or hourly rate listed on Vendor's bid, but such costs will not be paid by the Agency separately.
10. **FACILITIES ACCESS:** Performance of Contract Services may require access cards and/or keys to gain entrance to Agency's facilities. In the event that access cards and/or keys are required:
- 10.1. Vendor must identify principal service personnel which will be issued access cards and/or keys to perform service.
  - 10.2. Vendor will be responsible for controlling cards and keys and will pay replacement fee, if the cards or keys become lost or stolen.
  - 10.3. Vendor shall notify Agency immediately of any lost, stolen, or missing card or key.
  - 10.4. Anyone performing under this Contract will be subject to Agency's security protocol and procedures.
  - 10.5. Vendor shall inform all staff of Agency's security protocol and procedures.

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REQUEST FOR QUOTATION
Professional Application Developers for COMPASS
CRFQ CPR240000001

11. VENDOR DEFAULT:

11.1. The following shall be considered a vendor default under this Contract.

- 11.1.1. Failure to perform Contract Services in accordance with the requirements contained herein.
11.1.2. Failure to comply with other specifications and requirements contained herein.
11.1.3. Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.
11.1.4. Failure to remedy deficient performance upon request.

11.2. The following remedies shall be available to Agency upon default.

- 11.2.1. Immediate cancellation of the Contract.
11.2.2. Immediate cancellation of one or more release orders issued under this Contract.
11.2.3. Any other remedies available in law or equity.

12. MISCELLANEOUS:

12.1. Contract Manager: During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

Contract Manager: Shirish Paul
Telephone Number: 949-413-4034
Fax Number: 630-209-1026
Email Address: gov@enterprisesolutioninc.com

Revised 12/12/2017



Department of Administration  
Purchasing Division  
2019 Washington Street East  
Post Office Box 50130  
Charleston, WV 25305-0130

State of West Virginia  
Centralized Request for Quote  
Service - Prof

<b>Proc Folder:</b> 1274756		<b>Reason for Modification:</b>	
<b>Doc Description:</b> RFQ for Professional Application Developers		Addendum No. 1	
<b>Proc Type:</b> Central Master Agreement			
<b>Date Issued</b>	<b>Solicitation Closes</b>	<b>Solicitation No</b>	<b>Version</b>
2023-08-23	2023-08-30 13:30	CRFQ 0203 CPR2400000001	2

#### BID RECEIVING LOCATION

BID CLERK  
DEPARTMENT OF ADMINISTRATION  
PURCHASING DIVISION  
2019 WASHINGTON ST E  
CHARLESTON WV 25305  
US

#### VENDOR

**Vendor Customer Code:** VS0000039921  
**Vendor Name :**Enterprise Solutions, Inc.  
**Address :**700 East Diehl Rd, Suite 110, Naperville, IL 60563  
**Street :** 700 East Diehl Rd, Suite 110  
**City :** Naperville  
**State :** Illinois **Country :** USA **Zip :** 60563  
**Principal Contact :** Shirish Paul  
**Vendor Contact Phone:** 949-413-4034 **Extension:**

#### FOR INFORMATION CONTACT THE BUYER

Melissa Pettrey  
(304) 558-0094  
melissa.k.pettrey@wv.gov

DocuSigned by:

*Shirish Paul*

1E510F0FA94A49F...

**Vendor  
Signature X**

**FEIN# 77-0538464**

**DATE 08/30/2023**

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



## RESUME 1

### EXHIBIT B – Required Documentation Verification Form

### Documentation of Work Experience

As per section 4: mandatory qualifications; the vendor must provide documentation to validate the following requirements. Exhibit B – Required Documentation Verification Form must be completed in its entirety and should be submitted with vendor's bid response, and must be submitted prior to award.

#### Skillsets

- 4.1.1** The Vendor must provide a Senior Applications Developer contractor with prior experience in the following applied knowledge and skillsets.

Check mark the skillsets the Senior Applications Developer contractor has prior experience and applied knowledge in:

<input checked="" type="checkbox"/>	Microsoft Visual Studio 2013
<input checked="" type="checkbox"/>	VB.NET
<input checked="" type="checkbox"/>	XML
<input checked="" type="checkbox"/>	ASP.NET
<input checked="" type="checkbox"/>	CSS
<input checked="" type="checkbox"/>	HTML
<input checked="" type="checkbox"/>	JavaScript
<input checked="" type="checkbox"/>	SQL Server 2016
<input checked="" type="checkbox"/>	SQL Server Reporting Services (SSRS)

#### Project and Work Experience

- 4.1.2** The Vendor must provide a Senior Applications Developer Contractor with a minimum of two (2) years of paid experience working on projects in each of the following applications:

- Debugging Code for existing systems within Microsoft Visual Studio 2013. Documenting code changes consistently throughout the development process
- Working on a team with business analysts to define new features that the contractor must then code and integrate for existing systems
- Working on a team with developers to upgrade and configure existing Code
- Software testing, including system integration and regression testing, to ensure application changes continue to meet the business needs

Concurrent experience is acceptable and must be documented on the applicable Required Documentation Verification Forms (Exhibit B).

OT18002



## RESUME 1. SHEA JOHNSON - SR. .NET DEVELOPER

### SUMMARY

- Proven .Net developer with over 10 years of experience in .Net, C#, ASP.Net, SQL Server and Oracle
- Created n-Tier architecture with RESTful web services providing CRUD access via JSON with repositories driving the data layer.
- Utilizing code-first methodology for Entity Framework (.Net 5 – 6.2, Core 2.2), entities are POCO objects with validation mapping injected at the context level.
- Security access and validation occurring via Stored Procedures and/or OAuth validation.

### TOOLS AND SKILLS SET

<b>Languages:</b>	C#, .Net Core, VB.NET, T-SQL, PL/SQL, ASP.NET, AJAX, JQuery, Angular 2.0
<b>Technologies:</b>	MVC, REST Services, Entity Framework, Multi-threading, .NET 4.5, WCF 4.0, IIS, Disconnected Architecture, Dependency Injection, Test Driven Development, SSIS
<b>Databases:</b>	SQL Server, Oracle
<b>Scripting:</b>	VB Script, JavaScript, XML, HTML

### EDUCATION SUMMARY

- University of Sunderland: Bachelor of Science (Honors) – Network Computing
- Officer USAR

### PROFESSIONAL SYNOPSIS

#### COGNIZANT

FEB 2020 – PRESENT

##### Sr. .Net Developer (occasional Lead)

- Act as a Lead and mentor junior developers to the framework being utilized.
- Create Restful API calls for the UI, hosted on Azure.
- Convert to a micro-service architecture on Azure, separating out the different data layer requests.
- Event driven architecture, pulling secure values from Vault system and inject into Kubernetes on Azure via yaml.
- Environment: VS 2019, SQL Server, Oracle 19, Net Core 5.0, C#, Azure, JWT, React

#### JACK HENRY & ASSOCIATES

JULY 2018 – DEC 2019

##### Sr. .Net Developer

- Create automations in C# .Net Framework of existing test cases for CI/CD initiative.
- Provide automation for testing of services authentication with Kerberos, IMS, and LDAP.
- Prepare QA analysis for Automatic fail-over logging of Quest in a load-balanced environment.
- Create POCOs for Code-First Entity Framework representation of the SQL 2017.
- Update EF to Core 2.2 for data context, repositories, and Inversion of Control.
- Updated to Angular 9.0 and Typescript with Udemy training courses.
- Environment: VS 2017, Quest, SQL Server, UNIX, .Net Framework 4.7, .Net Core 2.2

#### GAMESTOP

APR 2018 – JUN 2018

##### Sr. .Net Developer

- Add additional business logic for multi-warehouse location SKU's to process orders.
- Determine which location items should be shipped from for lowest Time to Travel to reduce operating costs.



- Environment: VB6, Progressive, VS 2013, SQL Server

## HOYA VISION

FEB 2018 – APR 2018

### Sr. .Net Developer

- Implement QA process for validating inputs and making adjustments for product errors.
- Create a QA website using Html 5 with MVC and .Net Framework that shows all client jobs and what was processed / erred out to help monitor any deficiencies with client jobs.
- Environment: VS 2015, C#, SQL Server, MVC, HTML 5.0

## CLEARWATER PAYMENTS

SEPT 2017 – NOV 2017

### Sr. .Net Developer

- Full-Stack .Net Framework development on a Customer-facing payment system.
- Work on sign-in process, including validation, single-sign-on, and password management.
- Create new service call for updating Customer information.
- Utilize bootstrap for presenting UI to different devices (cell, tablet, notebook).
- Environment: VS 2015, C#, SQL Server, MVC, Web API

## BANK OF AMERICA

MAY 2017 – AUG 2017

### Sr. .Net Developer

- Using Pega Robotics to automate repetitive banking tasks to save time in reviewing documents and processes.
- Evaluate test processes to see where Pega can be effectively implemented for the most benefit to users.
- Environment: VS 2015, C#, Oracle, SQL Server, Pega Robotics

## WESTERN ASSET MANAGEMENT

NOV 2016 – APR 2017

### Sr. Oracle .Net Developer

- Work on migrating existing VB 6 code for custom web controls to VB.Net.
- Create and deploy reporting mechanism that compares three separate data feeds for data consistency.
- Develop a process that verifies data values from the data mart and live data for accuracy and remedial attention.
- Environment: VS 2012, C#, VB.Net, Oracle 11g, PL/SQL, CVS

## QORVO

MAY 2015 – OCT 2016

### Sr. .Net Developer

- Create deltas tables for variances between versions of Products / Templates using PL/SQL, transferring JSON data from Oracle and de-serializing the data into C# classes.
- Utilize Angular 2 and bootstrap for a more modern version of the UI.
- Rewrite EF 4.0 Database first model with EF6.1 Code First model using a multi-threaded singleton with dependency injection, mapping stored procedures and functions via generics.
- Environment: VS 2012, C#, Oracle 11g, PL/SQL, Angular 2, TFS, Web API, WPF, MVC

## TITLETEC

FEB 2013 – MAR 2015

**Sr. .Net Developer**

- Design and Develop a Generic Repository library using Entity Framework for various Production deployments
- Create Enterprise framework with SQL Server development and object oriented architecture for use in the new Enterprise design for all future Title Work developments
- Utilize Test Driven Development within VS2010 to refactor development for existing Electronic Lien Transfer System.
- Conduct training sessions to teach other developers about design patterns, including the Repository pattern.
- Environment: VS 2012, C#, EF 5, EF 6, LINQ, MVC 4.0, WPF, REST, DI, TDD, JQuery, TFS, SSIS

**EPSILON****JUL 2012 – DEC 2012****Sr. .Net Developer**

- Modify MVC 3.0 classes to meet changes in client specifications for their web site.
- Research previous web site middle tier to ensure that new middle tier calls are correctly following business rules
- Validate Oracle tables to ensure that MSMQ messages are processed correctly
- Support regionalization with Azure cloud-based deployment.
- Environment: VS 2010, C#, VB.NET, LINQ, MVC 3.0, WCF, Oracle 11, AJAX, JQuery

**CALIBER FUNDING****JAN 2012 – JUN 2012****Web Developer**

- Create tables as necessary to add additional functionality to underwriting and loan management
- Modify existing LINQ context objects to add new database objects to the system as well as modifying existing objects to increase functionality
- Develop WCF Services that get called by via AJAX for a modal web control that allows for quicker selection of business names, associated to the user login
- Create events that get processed asynchronously by the message queue server to be processed by message handlers via reflection
- Enable load-based scaling with Azure deployment.
- Environment: VS 2010, ASP.NET, VB.NET, LINQ, WCF, SQL Server 2010, AJAX, JavaScript, Azure

**IMPERIAL FIRE****SEP 2011 – DEC 2011****Developer**

- Utilize AJAX to throw events from client to server side via customized business objects developed in C# in order to reduce the code behind the forms in addition to localizing business logic
- Convert .NET 2.0 framework web service calls into the .NET 4.0 framework utilizing WCF and C#
- Refactor existing VB.NET procedures to minimize client side 'chatter' between the web UI and the underlying services
- Create a dictionary of objects that gets driven by a dropdown list, in order to reduce server traffic
- Environment: VS 2010, ASP.NET, C#, VB.NET, XML, XAML, WCF 4.0, AJAX

**ARGO DATA****MAY 2011 – SEP 2011****PROGRAMMER ANALYST**

- Develop persisted Workflows with C# that allow for branching conditions and SLA monitoring
- Create an API using C# that enables communication to the Workflows via WCF and SOAP



- Enable Scheduling of Workflows to run at user defined times
- Utilizing XSLT and XLM, troubleshoot client driven posts via the logging and tracking mechanisms
- Environment: VS 2010, ASP.NET, C#, XML, XAML, WCF 4.0, WF 4.0

**PLANET E-SHOP**

DEC 2010 – APR 2011

**PROGRAMMER / ANALYST**

- Consolidate several separate inventory / shipment systems into a consolidated cloud-based billing system utilizing C#, ASP.NET 4.0 and SQL Azure (SQL 2008 – cloud based database)
- Enable data migration via a web-interface that utilizes C# created dll's to the cloud-based service
- Environment: SQL Azure (2008), VS 2010, ASP.NET 4.0, C#

**JPMORGAN CHASE**

OCT 2010 – NOV 2010

**TECHNICAL ANALYST**

- Reverse engineer an existing Excel tool and convert it into a web-based application
- Gather business requirements and procedures from the Oracle system and current users in order to create the technical specifications for developing the system in a .NET 3.0 web-based environment
- Environment: Oracle 10, Excel, .NET 3.0, Java

**FRONTIER COMMUNICATIONS**

MAY 2010 – AUG 2010

**BUSINESS ANALYST**

- Examine migrated Oracle data and research legacy data to ensure that it gets properly converted from the legacy system into the Metasolv M6 (Oracle based) environment
- Utilize test cases to validate and verify business cases for the imported data
- Ensure accuracy of the equipment & circuit migration into the existing production environment
- Create UML diagrams of legacy data dump in order to facilitate reporting/data validation exercises
- Environment: Oracle 10, Toad, Metasolv M6, SQL Developer

**NON-IT RELATED EMPLOYMENT**

APR 2009 – JAN 2010

**UNIVERSITY OF SUNDERLAND**

SEP 2005 – JUN 2008

**WORK STUDY**

- Developed WinForms Customer Management System using C# and VB.NET for Sunderland Counseling Services
- Implemented Rockford Lhotka's CSLA-framework as the basis of the Business Objects
- Created standardized Crystal Reports for monthly and quarterly reporting needs
- Designed, developed, and implemented proof of concept Customer Scheduling system as Group Project Leader
- Implemented multi-threading client / server systems architecture utilizing Java RMI
- Learned the fundamentals of e-Commerce, security methodology, and web-services with ASP.NET
- Created UML Diagrams for systems analysis and program validation
- Environment: VB.Net, C#, WCF, ASP.NET, Java, MySQL, OO Principals, UML Diagrams, Cisco Routers

**CBIZ PROPERTY TAX SOLUTIONS**

JAN 2005 – SEP 2005

**PROGRAMMER / ANALYST**

- Developed an addendum Asset Tracking System to an existing WinForms application which managed 80,000 assets that enabled management by Client, State, and Billing Status level with intuitive sorting and searching capabilities in addition to historical change management archiving
- Created Object Oriented COM components that encapsulated business logic, usable with ASP
- Created SQL Server DTS automated weekly and monthly reporting of group production by Individual, Client, and State
- Created automated DTS weekly data cubing transformations of current Asset statuses that allowed another Business Unit to warehouse the data and send out summary reports
- Used ANSI SQL to analyze database data trends to trouble shoot existing triggers/stored procedures
- Created a call tracking and logging system with dynamic operator questions and response tracking
- Environment: Visual Basic 6, ADO, COM/DCOM, SQL Server 2000, T-SQL, IIS

**FIRST AMERICAN**

APR 2004 – OCT 2004

**APPLICATION DEVELOPER**

- Analyzed the Business Processes for establishing new Loans and developed a means of tracking the lifecycle of the Loans while in the work queue
- Created a database to track multi-year delinquencies and the associated level of ownership by the Agencies
- Developed OOA COM Business Objects to create a separate business logic layer
- Managed parent-child relationships via object hierarchy for performance considerations
- Created automated importing tools for fixed and variable length data feeds
- Environment: Visual Basic 6, ADO, COM/DCOM, OLE Automation, Access, Excel, Word

**SELF EMPLOYED**

JAN 2002 – JAN 2004

**INDEPENDENT CONTRACTOR**

- Created Web sites with ASP and Frontpage extensions
- Designed networks and assembled computers
- Processed customer queries and recorded entries

**GENUITY**

JAN 2000 – AUG 2001

**SR. DEVELOPER**

- Environment: Visual Basic 6, Oracle 8.x, TBS, PL/SQL, ADO, DCOM, Access, ER Win, ASP, VB Script



Exhibit B

**EXHIBIT B – Required Documentation Verification Form**

**Section 4.1.2 - Debugging Code for existing systems within Microsoft Visual Studio 2013. Documenting code changes consistently throughout the development process**

Previous Project: **CLEARWATER PAYMENTS**

Project Start Date: **9/2017**

Date Completed: **12/2017**

Project Description: **Created web sites and API's using VS 2013. Worked on sign-in process, single-sign-on, and password management. Created new service call for updating Customer information.**

**Utilize bootstrap for presenting UI to different devices (cell, tablet, notebook).**

Contractor's Role: **Worked as a Sr. .Net Developer and Full-Stack .Net Framework development on a Customer-facing payment system.**

Skillsets Utilized: **C#, VB.Net, Web API**

Location: **TX**

Project URL: \_\_\_\_\_  
(if applicable)

Project Manager / Supervisor: **Vince Hufford**

Phone Number: **800-794-5320**

Email Address: **VHuffors@clearwaterpayments.com**

OT18002



**EXHIBIT B – Required Documentation Verification Form**

**Section 4.1.2 -Working on a team with business analysts to define new features that the contractor must then code and integrate for existing systems**

Previous Project: **QORVO**

Project Start Date: **05/2015**

Date Completed: **10/2016**

Project Description: **worked in Agile groups that have BA's and QA's along with developers and**

**Rewrote F 4.0 Database first model with EF6.1 Code First model using a multi-threaded**

**with singleton with dependency injection, mapping stored procedures and functions via generics.**

Contractor's Role: **Worked as a Sr. .Net Developer and created deltas tables for variances between versions of Products / Templates using PL/SQL, transferring JSON data from Oracle and desterializing the data into C# classes.**

Skillsets Utilized: **VS 2012, C#, Oracle 11g, PL/SQL, Angular 2, TFS, Web API, WPF, MVC**

Location: **TX**

Project URL:

(if applicable)

Project Manager / Supervisor: **Chris Frias**

Phone Number: **972-994-8200**

Email Address: **CFrias@qorvo.com**

OT18002



**EXHIBIT B – Required Documentation Verification Form**

**Section 4.1.2 -Working on a team with developers to upgrade and configure existing code**

Previous Project:**TITLETEC**

Project Start Date: **02/2013**

Date Completed:**03/2015**

Project Description:**Worked on updating systems due to enhancements / bug fixes and**

**Create Enterprise framework with SQL Server development and object-oriented architecture for use in the new Enterprise design for all future Title Work developments.**

Contractor’s Role: **Worked as a Sr. .Net Developer and designed and developed a Generic Repository library using Entity Framework for various Production deployments. Conduct training sessions to teach other developers about design patterns, including the Repository pattern.**

Skillsets Utilized: **VS 2012, C#, EF 5, EF 6, LINQ, MVC 4.0, WPF, REST, DI, TDD, JQuery, TFS, SSIS**

Location: **TX**

Project URL:

(if applicable)

Project Manager / Supervisor: **Ryan Delapaz**

Phone Number: **214-827-5333**

Email Address: **Ryan.Delqaz@titletec.com**

OT18002



**EXHIBIT B – Required Documentation Verification Form**

**Section 4.1.2 –Software testing, including system integration and regression testing, to ensure application changes continue to meet the business needs**

Previous Project:**TITLETEC**

Project Start Date: **02/2013**

Date Completed: **03/2015**

Project Description: **Use TDD to create tests for code coverage and**

**Utilized Test Driven Development within VS2010 to refactor development for existing Electronic Lien Transfer System.**

Contractor’s Role: **Worked as a Sr. .Net Developer and designed and developed a Generic Repository library using Entity Framework for various Production deployments.**

Skillsets Utilized: **VS 2012, C#, EF 5, EF 6, LINQ, MVC 4.0, WPF, REST, DI, TDD, JQuery, TFS, SSIS**

Location: **TX**

Project URL: \_\_\_\_\_  
(if applicable)

Project Manager / Supervisor: **Ryan Delapaz**

Phone Number: **214-827-5333**

Email Address: **Ryan.Delqpez@titletec.com**

OT18002



**EXHIBIT B – Required Documentation Verification Form**

4.1.3 The Vendor must provide one (1) application developer with a minimum of two (2) years paid experience working on projects in the following industry:

4.1.3.1 Developing and Optimizing Pension Administration solutions

4.1.3.2 Optimizing and developing .Net Framework Batches

Previous Project:**CLEARWATER PAYMENTS**

Project Start Date:**9/2017**

Date Completed:**12/2017**

Project Description:**Created web sites and API's using VS 2013. Worked on sign-in process, single-sign-on, and password management. Created new service call for updating Customer information. Utilize bootstrap for presenting UI to different devices (cell, tablet, notebook).**

Contractor's Role:**Worked as a Sr. .Net Developer and Full-Stack .Net Framework development on a Customer-facing payment system.**

Skillsets Utilized:**C#, VB.Net, Web API**

Location:**TX**

Project URL:

(if applicable)

Project Manager / Supervisor:**Vince Hufford**

Phone Number:**800-794-5320**

Email Address:**VHuffors@clearwaterpayments.com**

OT18002



## Copy of Transcript of Result

## University of Sunderland - Transcript of results - 2007/8

<b>Name</b>	Mr Shea Johnson	 <b>University of Sunderland</b>
<b>Student Number</b>	051856081	
<b>HESA Number</b>	0000051856081	
<b>Programme of Study</b>	BSc (Hons) Network Computing	

## Your results

Academic Year	Module Code	Module Title	Credits	Mark	Result	Attempts
2005/6	CIF101	PROFESSIONAL AND PERSONAL SKILLS	20	68	Pass	1
2005/6	CIT100	COMPUTER ARCHITECTURES	20	78	Pass	1
2005/6	CIT101	INTRODUCTION TO NETWORK MODELLING	20	84	Pass	1
2005/6	CIT102	INTRODUCTION TO NETWORK CONFIGURATION	20	68	Pass	1
2005/6	CSE100	INTRODUCTORY SOFTWARE ENGINEERING	20	69	Pass	1
2005/6	CSE101	SOFTWARE DEVELOPMENT	20	94	Pass	1
2006/7	CIF203	GROUP BASED COMPUTING PROJECT	20	83	Pass	1
2006/7	CIT201	LOCAL AREA NETWORKS	20	75	Pass	1
2006/7	CIT202	WIDE AREA NETWORKS	20	82	Pass	1
2006/7	CSE200	INTERMEDIATE SOFTWARE ENGINEERING	20	68	Pass	1
2006/7	CSE201	OBJECT DEVELOPMENT	20	92	Pass	1
2006/7	CSE206	NETWORK PROGRAMMING	20	86	Pass	1
2007/8	CIF300	PROJECT	40	60	Pass	1



2007/8	CIT301	NETWORK MANAGEMENT	20	62	Pass	1
2007/8	CIT304	E-COMMERCE	20	45	Pass	1
2007/8	CSE300	ADVANCED SOFTWARE ENGINEERING	20	57	Pass	1
2007/8	CSE301	ADVANCED OBJECT-ORIENTED DEVELOPMENT	20	69	Pass	1

<b>Decision</b>	Award (Final) Obtained
<b>Award Name</b>	Bachelor of Science
<b>Award Classification</b>	Second Class Honours (First Division)
<b>Date Awarded</b>	25 June 2008
<b>Signature</b>	 Iain Rowan Academic Registrar
<b>Date Transcript Printed</b>	19 April 2023

The transcript is a statement of results and is not confirmation of the award unless accompanied by the University of Sunderland degree certificate.

The programme was studied and assessed in English.



## RESUME 2

### EXHIBIT B – Required Documentation Verification Form

## Documentation of Work Experience

As per section 4: mandatory qualifications; the vendor must provide documentation to validate the following requirements. Exhibit B – Required Documentation Verification Form must be completed in its entirety and should be submitted with vendor's bid response, and must be submitted prior to award.

### **Skillssets**

- 4.1.1** The Vendor must provide a Senior Applications Developer contractor with prior experience in the following applied knowledge and skillsets.

Check mark the skillsets the Senior Applications Developer contractor has prior experience and applied knowledge in:

<input checked="" type="checkbox"/>	Microsoft Visual Studio 2013
<input checked="" type="checkbox"/>	VB.NET
<input checked="" type="checkbox"/>	XML
<input checked="" type="checkbox"/>	ASP.NET
<input checked="" type="checkbox"/>	CSS
<input checked="" type="checkbox"/>	HTML
<input checked="" type="checkbox"/>	JavaScript
<input checked="" type="checkbox"/>	SQL Server 2016
<input checked="" type="checkbox"/>	SQL Server Reporting Services (SSRS)

### **Project and Work Experience**

- 4.1.2** The Vendor must provide a Senior Applications Developer Contractor with a minimum of two (2) years of paid experience working on projects in each of the following applications:

- Debugging Code for existing systems within Microsoft Visual Studio 2013. Documenting code changes consistently throughout the development process
- Working on a team with business analysts to define new features that the contractor must then code and integrate for existing systems
- Working on a team with developers to upgrade and configure existing Code
- Software testing, including system integration and regression testing, to ensure application changes continue to meet the business needs

Concurrent experience is acceptable and must be documented on the applicable Required Documentation Verification Forms (Exhibit B).

OT18002



## RESUME -2: PRADEEP GURUNG - LEAD DOT NET DEVELOPER

### SUMMARY

- Have 12+ years of Experience as Lead Dot Net Developer
- Extensive IT experience and working as a Senior .Net Developer, Senior Software Engineer, Software Engineer & Programmer. Experience in SDLC which includes Analysis, Requirement, Design, Development, Testing, Installation, Maintenance of web-based and windows applications. Experience and knowledge in developing websites using ASP.Net, HTML, CSS, JavaScript, XML, and Dreamweaver. Experience in developing web pages using the Page Life Cycle.
- Good experience in designing web applications using C#, HTML5, CSS, Javascript, TypeScript, JQuery, Bootstrap, Angular JS, Knockout JS, Backbone JS, React JS, Silverlight, AJAX, XML, XSL and XSLT, VB SCRIPT, PHP.
- Solid knowledge in analysis, coding, testing and implementation of projects using state of art technologies like ASP.NET, C#, VB.NET, Visual Studio, SQL Server, and Web Services.
- Have good knowledge on different databases like PostgreSQL, MySQL, DB2, Oracle 13c/11g, Microsoft SQL Server, NoSQL DB (Raven DB, Mongo DB and Cassandra, Couch DB, Redis
- Hands on in developing server and windows based distributed enterprise applications using Microsoft technologies such as C#, VB.NET, ASP.NET MVC, WPF, Confidential, Web API, AngularJS.
- Leveraged the introduction of Web API Controllers (Web API 2) in ASP.NET MVC 5 to build, maintain Restful.
- Excellent Object-Oriented Programming skills using C#, ADO.NET and Visual Studio.
- Good exposure to Model-View- Controller (MVC 5.0/4.0/3.0) Framework, .NET Framework.
- Hands-on expertise in UI design using HTML, CSS, and Bootstrap along with client-side scripting using JavaScript, Knockout.js, AngularJS, jQuery and Ajax, XML SCHEMA.
- Experience in Setting up the build and deployment automation for Terraform scripts using Jenkins.
- Provisioned the highly available EC2 Instances using Terraform and cloud formation and wrote new plugins to support new functionality in Terraform.
- Implemented cluster services using Kubernetes and Docker to manage local deployments in Kubernetes by building a self - hosted Kubernetes cluster using Terraform and Ansible and deploying application containers.
- Experience in various Object Relational Mapping (ORM) technologies such as ADO.NET, Silverlight, Entity Framework and LINQ.
- High proficiency in HTML, CSS, JavaScript, Bootstrap, TypeScript.
- Experience in dealing with Windows Azure IAAS - Virtual Networks, Virtual Machines, Cloud Services .
- Highly proficient in design and implementation of the database using SQL server and PL/SQL, triggers, stored procedures, packages, functions development
- Extensively worked on web services including SOA, REST, developing the Web applications using Microsoft advanced technologies MSFT Visual Studio 2010 and Microservices architectures to consume to feed financial data and provided security
- Experience in developing Microservices using ASP.NET core.
- Experience in designing and developing Microservices for the business components using .NET framework.
- Experience in developing Self Host Services by using Microsoft OWIN.
- Experience in creating Containers by Docker's for Microservices
- Proficient with all phases of Software Development Life Cycle (SDLC) with ample experience involved in designing, developing, Coding, Debugging, Testing, and implementing software applications
- Solid understanding on concepts including View Bag, View Model and Partial View in MVC development.
- Experience in developing and consuming ASP.Net Web Services using WSDL and SOAP, ASP.Net Web API's (RESTful) .Net Core API and Windows Communication Foundation (WCF).
- Expertise in enhancement techniques and design to increase the Performance load of the Database and Web services
- Experience in securing web applications using ASP.NET authentication and authorization mechanisms.
- Extensive experience in object-oriented programming, Designed and implemented the N-tier application using C#.Net.



- Expertise in XML standards (XML, XML Schema, XSLT, XPath) and Development of XSLT's For Club Data explosion in Database
- Extensive experience in developing reports using Crystal Reports, MS Access reports, Entity Framework and SQL Server Reporting Services (SSRS) using visual studio.
- Experience working on MS SQL Server Databases including Database Design, Query Tuning, and Writing Complex stored procedures while working with the large databases.
- Expert in development of scalable distributed multi-tier systems as well as standalone Web and Windows applications using Confidential, WPF, LINQ, Workflow 4.0, Visual Studio, REST Web services, Business analysis ,XML, DB, SQL Server, CMS (Content Management System).
- Have Good exposure on Silverlight and on Xamarin.
- Experience on designing and developing reports using SSRS, as well as integration with ASP.Net for web-based reporting.
- Having strong experience with JavaScript, jQuery, Ajax toolkit and Ajax based web applications, WSDL, UDDI, HTML5, CSS3, Confidential, XML, XML Schema, json, XSLT and Web-Services using SOAP.
- Experience in TP integration using Restful Web services and API and have knowledge on Microsoft unity framework.
- Extensive experience in handling Internet Information Server (IIS) , creating and configuring the virtual directories, map them to physical folders and configuration of the applications for domain authentication in SQL Server.
- Good experience in web application framework using n-tier, MVVM and MVC architecture.
- Proficient in Relational Databases like 2008/2012/2014 and Have knowledge on Azure.
- Worked extensively on Service Oriented Architecture (SOA), Web Services, .NET Remoting, SOAP, Kendo UI, Test Driven Development (TDD).
- Implemented Unit tests for testing different modules of the application.
- Excellent interpersonal and communication skills.

## TOOLS AND SKILLS SET

<b>Programming Languages:</b>	C/C++, C#, SQL, PL/SQL, VBScript, Java, JavaScript, jQuery, ASP.NET
<b>Dot net technologies:</b>	.NET Framework (4.5/4.0/3.0/2.0), C#.NET, ADO.NET, VB.NET, Confidential, WPF, WF, LINQ, Web Services, Web Forms, Win Forms, Web controls, Custom Controls, User Controls, AJAX
<b>Web Technologies:</b>	Bootstrap, JSON, JS, HTML5, XSTL
<b>Frameworks:</b>	MVC 4.0/5.0, Entity Framework
<b>Databases:</b>	SQL Server 2019/2014/2012/2008, T-SQL, MS-Access
<b>Design Pattern:</b>	MVC, Factory pattern, Entity Framework
<b>Scripting Languages:</b>	JavaScript, Knockout JS, Node.JS, jQuery
<b>Reporting Tools:</b>	SQL Server Reporting Services (SSRS), Crystal Reports, SSIS, SSAS
<b>Web Server:</b>	Microsoft Internet Information Services (IIS 8.0/7.5/7.0)
<b>Internet Programming:</b>	JavaScript, jQuery, Angular JS/Angular, VBScript, ASP, XML, XSL, XSLT, WSDL, REST, SOAP
<b>Development Tools:</b>	Log4net, TFS, VSS, GitHub, JUnit Testing Framework, MS Visio, Kendo UI, Silverlight
<b>Operating System:</b>	Windows XP/ Vista, Windows 7/8/10
<b>IDE:</b>	Microsoft visual studio 2005/ 2008/ 2012/ 2013/ 2015/2017/2019

## EDUCATION SUMMARY

- B.S in Computer Science, New York University, 2010.
- Bachelor of Business Administration in Business Management School of Business & Accounting, 2019

## PROFESSIONAL SYNOPSIS



### Lead Dot Net Developer

- Designed and developed various abstract classes, interfaces, classes to construct the business logic using C#.
- Developed the reusable framework for the application using the ASP.NET MVC Framework 4.5, HTML, CSS and JAVASCRIPT.
- Used Web Services SOAP, WSDL for communicating with other application and components.
- Created WCF Service to retrieve and send information from client side without Post Back and consuming existing Web Services using SOAP, HTTP and WSDL.
- Consumed Web Services using WCF for online transactions using C# and exposed them through SOAP and HTTP
- Developed web application using Microsoft Visual Studio.Net 2012, VB.Net, MVC, SQL Server 2012, Entity Framework, jQuery, AJAX
- Responsible for Designing coding developing and implementing application using C .net and vb.net.
- Converting old legacy systems, such as payment, order process, order management, etc. into micro services platform by converting it into individual REST Services.
- Used Ajax to call RESTful API and load data onto web page for seamless transition.
- Created a RESTful API for a custom built library database that included book data and check-out and check-in functionality for inventory.
- Designed and developed a vb.net Windows Application for searching files from a pile of folders and storing them into a central repository.
- Created User Control in vb.net to make application code reusable and to give same look and feel to the application.
- Developed web application using Microsoft Visual Studio.Net 2008/2012, VB.Net, C , WebForms, MVC, WCF Services, SQL Server 2008, Oracle, Entity Framework, jQuery, AJAX, Agile Methodology and TDD
- Developed the business components Class, ASP.Net Web services using C#/SOAP to encapsulate business logic components to be used in distributed environment.
- Worked with Web Services, caching features, configuring optimizations, and securing the web application.
- Extensively used Items Control and many other controls with Paging and Sorting for displaying various data on to the page.
- Developed features for customer facing website using C#, ASP.NET MVC 4/5, CSHTML, Html Helpers, JavaScript, JQuery, TypeScript, KnockoutJS, Kendo UI, AJAX, Bootstrap, CSS, LINQ, Entity Framework, WCF, SQL Server
- Developed modules for inputting data building search criteria s and generating ad hoc reports with VB.Net Windows forms Win Forms .
- Designed and developed a vb.net Windows Application for searching files from a pile of folders and storing them into a central repository.
- Using Visual Studio 2008 C# and Framework 3.5, uploaded binary objects into SQL sever 2005. Uploaded images and binary signatures.
- Created tasks for updating tsconfig tracked files based on glob, tslinting, and compiling typescript files.
- Created smart navbar system in typescript that would retain a client context across multiple web apps using the querystring. Smart nav would automatically determine selected navigation node using the browser url.
- Updated dashboard front end to support multiple dashboards and their CRUD operations using typescript.
- Used JavaScript to perform validations and catch the events on client's browser.
- Designed and implemented Cosmos DB(Document Model) from scratch
- Implemented SOA with creating and consuming Web Services in VB.Net.
- Used Azure Cosmos DB service to store and access data from a .NET Core console application
- Build an ASP.NET Core app that uses both SQL Server and Cosmos DB to store and display
- Worked with Web Services, caching features, configuring optimizations, and securing the web application.



- Developed module which deals with validating user, changing passwords, and searching of information depending upon priority of user in site Using ASP.NET.
- Developed system services SOA application platform for use by all web applications utilizing Confidential services and the ASP.NET provider model.
- Created User Control in vb.net to make application code reusable and to give same look and feel to the application.
- Design of the database schema and the underlying business logic, along with the implementation of SQL queries, stored procedures on SQL Server database Ability to work with Product and Development Teams when changes to the application are needed.
- Involved in Agile process, two-week Sprints, and daily Scrums Stand-up meetings to discuss the development of the application.
- Created knockoutjs widget subsystem within a .NET jdash dashboard using typescript and inheritance. Widgets needed to react to page controls changing to refresh data and browser resizing to change styling for responsiveness.
- Designed rich, easy-to-use, and highly interactive UI using the HTML5, ASP.NET Master Pages, AJAX controls, JavaScript, CSS3, Angular , jQuery, Knockout JS, Bootstrap.
- Used Angular and .NET CORE, MVC 5 development framework to build a single-page application.
- Worked with Angular MVC framework including authoring complex directives, services, controllers, and filters working with animations, routing, and states.
- Used Twitter Bootstrap for HTML components style definitions and user interface elements such as dialog boxes and tooltips.
- Designed and Developed Logging and Monitoring for Microservices by fluentd.
- Designed and Consumed XML Webservices using Microservices.
- Consumed Docker's to develop Container's for the Microservices. Designed and Developed Container Management Rancher to publish Containers.
- Implemented REST API's with azure service fabric stateless Microservices using ASP.NET Core.
- Worked with Microsoft Azure Service Fabric which makes it easy to package, deploy, and manage scalable and reliable microservices and containers.
- Application has been Implemented on ASP.NET, MVC design architecture thus creating complex Models, Controllers, Views and DAL for various modules
- Developed custom, interactive dashboards to present large data sets from custom RESTful .NET CORE Web API.
- Designed and Developed new Windows service in C# and SQL server
- Breaking down the HPOO flows and tracking down which are able to provision in Terraform.
- Migrating the HPOO to the Terraform.
- Used Provisioners in Terraform to execute scripts.
- Integrated Hashi corp Vault via Terraform.
- Involved in writing complex SQL Server Stored Procedures.
- Developed and exposed end points using ASP.NET Web API 2.0and Integrated .net core Pipelines and used token-based authorization using OAuth 2.0
- Documented end points to Swagger and used Postman to see JSON response from API.
- Auto mapped Entity models with Domain models from database and response of data service calls in Entity Framework 6.0.
- Developed Stored Procedures which has pivot operations where the company receives data in a tall .csv file format and converted the format to match Database table structure.
- Enhanced Order Entry web front end using Angular , Web API and Entity Framework.
- Created RESTful API with using Web API. Have created and used WinForms.
- Wrote new API application with Visual Studio, MVC, .net framework and C# as code behind language creating new pages and fixing bugs on existing pages.



- Design and development of front-end GUI modules for technical support personnel using C# and ASP.NET.
- Used ASP.NET MVC data annotations and jQuery to do validations on the Model Data.
- Implemented AJAX calls from the View to get data asynchronously without posting the whole View.
- Used AJAX framework to do the asynchronous calls to the server using jQuery. Created graphics including Icons, Images and logos using Adobe Flash Catalyst.
- Worked on Web Services and consumed them in the Service Oriented Architecture (SOA).
- Extensively worked on Entity Framework in the data access layer generating ORM Models and integrating them through SQL, PL/SQL, and LINQ to Entities to message the data.
- Used ASP.NET AJAX extensively for calling Web Services without writing a lot of custom JavaScript code to handle the request and response messages.
- Written packages to transfer the data between the systems using SQL Server Integration Services (SSIS).
- Developed the UI Screens using HTML, XML, Java Scripts, Ajax, jQuery, CSS.
- Environment: ASP.NET 4.6.2, C#, JavaScript, HTML5, CSS3, IIS 7.0, Visual Studio 2019, Azure, SQL Server, jQuery, LINQ, Angular, React, Node.JS, Visual Studio 2017, .Net Framework 4.7, C#, LINQ, ASP.NET, ASP.NET CORE 2.2, Web API, SQL Server 2012, JavaScript, Bootstrap, Gulp, Bower, Node JS, JSON, HTML5, GIT, CSS3, Windows Server, IIS, High charts, Karma, Jasmine, Sublime, FTP, SSIS

## STATE FARM INSURANCE

OCT '18 – JULY '20

## Senior Dot Net Developer

- Work on New Enhancements to Migration client's using JavaScript, HTML, C# VS 2017, Sql server
- Hands on Working Knowledge on IIS setup for Legacy Application Using com components, WIX, ARR installer.
- Converted the Classic Asp Pages of Html4 to Html5 as part of Migration to new Clients
- Worked On huge transaction Remits and Claims DB with connection to Business Layer
- Built Utilities Tool Bridge Pro (MVC 5, Bootstrap, jQuery, JavaScript, Data tables Plugins, AD account management, SQL, Angular, C#) for Support team which has all Bridge Routines structures and Data search, Approvals at one place
- Developed ASP.NET Core Web API based on departmental requirements and specifications.
- Worked with advanced concepts of ASP.NET Core MVC such as Models and Providers, Filters used for developing backend technology.
- Maintained Visual Studio 2003 C# and ASP.NET code
- Created Visual Studio 2005 C# and ASP.NET code
- Developing XML Web Services in C# and SOAP for information exchange across applications.
- Implemented custom error handler for SOAP and Restful WCF services
- Exposing WCF services as both SOAP and RESTful. Outputs as POX and JSON.
- Used MVC4.0 as framework and JavaScript, TypeScript for client-side view, used Entity frameworks for client-side data validation, creating dynamic web pages- Ajax, jQuery
- Designed and developed the REST based Microservices using the Spring Boot
- XML and REST micro services were used to exchange structured and typed information with help of web service over the Internet.
- Used Restful services using Web API to get data from server asynchronously.
- developed SPA project using Angular JS and Typescript for frontend, Postgres for backend and Designed new endpoints to fetch data from different sources like SQL server and designing its output response in Json.
- Designed and developed Restricted Product Accounts and Digital Keying Front end applications using Angular 8 with TypeScript
- Developed applications using VSS and Visual Studio 2005.
- Created and parsed CSV documents via C# in Visual Studio. The information was in the form of banking and credit card documents in CSV and XML format.



- Extensively used Angular forms like Template Driven forms and Reactive forms (Dynamic Forms) to perform form validations both on server and client side.
- Developed Win forms and User Interface of the application using C#.Net controls extensively.
- Developed the user interface using ASP.NET, C# .NET and designed UI using CSS, , HTML, and JavaScript.
- Hands on experience creating the technical design documents & maintaining them.
- Extensively used Grid View and Details View to display data in a customized format in the ASP.NET web pages.
- Written Templates for AWS infrastructure as a code using Terraform to build staging and production environments and defined Terraform modules such as Compute, Network, Operations, and Users to reuse in different environments
- Used terraform to write Infrastructure as code and created Terraform scripts for EC2 instances, Elastic Load balancers and S3 buckets
- Perform Reverse Engineering by deconstructing the business entity into smaller independent Microservices.
- Developed service-oriented architecture solutions (SOA and Microservices) using Restful APIs.
- Developed the ASP.NET Web API Application which integrates the COSMIC Application with ServiceNow using SNOW API for creating Incidents ad deploying in Azure.
- Experience on working with No SQL databases like Microsoft Azure Database, Cassandra DB and Mongo DB
- Wrote service to store and retrieve data from Mongo DB for teh application on devices
- Used Mongo DB for NOSQL queries
- Worked on Integration and Enhancements on PAS (Portal application Service Web-API)
- Hands on Expertise in Developing the Application based on Bridge Claims
- Developed and deployed. Net core 2.1, & 2.2 N tier application with .net core MVC as a front end and Web API2 as backend services. Helped in architecting this new application with EF Core and logging framework.
- Attribute Routing used in the Asp. Net core web API. Used Async and Await in Asp. net Core web API methods.
- Worked on the XSD changes and the reporting Creation in CSV using the store procedures and XSLT conversions.
- Worked on integration of Excel Plugin to the legacy system written in C# and has Processing data of Payer alias, Client etc.
- Extensively worked on SQL Templets creating Table, store procedures
- Worked on SQL cluster index transformations (adding identity columns and Dropping non-cluster indexes)
- Worked on WIX installer for MSMQ infrastructure for non -Queued job.
- Developed the reusable framework for the application using the ASP.NET MVC Framework 4.5, HTML, CSS and JAVASCRIPT.
- Worked with Web Services, caching features, configuring optimizations, and securing the web application.
- Used ASP.NET MVC data annotations and jQuery to do validations on the Model Data.
- Extensively used Items Control and many other controls with Paging and Sorting for displaying various data on to the page.
- Used JavaScript to perform validations and catch the events on client's browser.
- 
- Environment: ASP.NET, C#.Net, ASP.Net, Ajax, ADO.NET, WCF, HTML5, CSS3, JavaScript, jQuery, XML, Entity Framework, LINQ, SQL Server 2012, Visual Studio 2013, JIRA, FTP

## GENERAL MOTORS

JAN '15 – SEPT '18

## Senior Dot Net Developer

- Used ASP.NET MVC framework to support the use of Dependency Injection to inject objects into a class, instead of relying on the class to create the object itself.
- Implemented ASP.NET MVC 5.0 architectural pattern mechanism to display the data record catalogs and categories for the new application.



- Involved in developing the Web pages' development/enhancements using HTML, CSS including JavaScript, and jQuery.
- Created application using TypeScript to create Directives, Components, Services, Pipes, Observables, form validation and Router for multiple components utilizing Router Guards and Navigation.
- Developing MIPS Imaging internal application using TypeScript at client side for binding JSON data with html controls.
- Implemented the SOA architecture by using WCF Restful/SOAP services and Worked on XSLT to transform XML into HTML.
- Developed Web Services invoking them by using XML, SOAP and WSDL tool for creating proxy classes.
- Developed and enhanced client-side management portals User interfaces using Angular 7, jQuery, HTML, Bootstrap, CSS, JavaScript, and AJAX.
- Client-side validations for the user login credentials and API response errors are done through Java script and jQuery
- Designed and Developed Logging and Monitoring for Microservices by fluentd.
- Implemented and exposed the Microservices based on Restful API utilizing JAX-RS.
- Developed Restful Services using WEB API.
- Created and maintained Test Scripts and Test Cases based on High Level Functional Requirements Document (FRD) utilizing Visual Studio Team System (VSTS) 2008, Team Foundation Server (TFS), for manual, automated(Functional & Regression), and performance/stress testing.
- Implemented Routing, URL, Security, Action Filter techniques for application development
- Involved in Web Service unit testing using SOAPUI Tool.
- ASP.Net Pages including Master Page Navigation using XML.
- Developed core functionality with the .NET Framework (C#.NET, ADO.NET)
- Preparing Unit Test Case documents.
- Used C# and ADO.NET to define and implement Business Logic Layer and Data Access Layer.
- Experienced in Developing and Enhancing Web forms, Master Pages, User Controls and Custom Controls by using HTML, CSS, and Asp.Net Controls.
- Implemented Server and Client-side validations using ASP.NET validation controls and JavaScript.
- Developed various report formats using Crystal Reports which include Standard Reports and Graphical Reports.
- Maintaining the overall Code quality of the Application by using manual code review and tolls like FxCop with Custom rule, Re sharper, Style Cop and Visual Studio 2008 code Analysis tool etc.
- Supporting Various Web applications, SSRS, SSIS, SQL Server and MS Access, across sites
- Used JavaScript and .NET Validation Controls for performing client-side validations.
- Performed database operations on SQL Server 2012 to create and maintain customer's information by creating SQL queries, stored procedures, functions, and views.
- Involved in gathering the requirements, analysis, design & development of the project.
- Designed and developed a web application using visual studio 2012.
- Written views, functions and stored procedures and joins in oracle.
- 
- Environment: ASP.NET MVC 4,S.Net, VB.NET, ADO.NET, LINQ, RESTful Services.NET Framework 3.5, Visual Studio 2010, NUnit Testing, AJAX, C#, ASP.Net, Visio, Entity Framework, XML, jQuery, WCF Services, SOAP, WSDL, HTML, CSS, JavaScript, SQL Server 2008, TFS.

FORD MOTOR COMPANY

JUNE '10 – JAN '15

**Dot Net Developer**

- Involved in Web development using ASP.NET, C# and SQL Server development for Ford Auto Technician Training to learn Automotive Fundamentals.



- **Wrote SQL Stored Procedures.**
- **Developed the desktop application to be mobile friendly using jQuery Mobile, HTML5, CSS 3.**
- **Developed the application in MVC framework as well.**
- **Involved in resolving production technical issues reported by offshores users.**
- **Designed & developed web user interface using ASP. NET, C#, HTML, CSS, JavaScript**
- **Responsible in all the stages from systems analysis, requirement gathering to its implementation and post implementation evaluation.**
- **Designed and developed various WinForms using C .NET and DevExpress .Net.**
- **Experience in doing technical level support, reading code, and SQL, Running SQL script to verify/validate data.**
- **Familiar with several design patterns such as Iterator, Single Responsibility, Dependency Injection, etc.**
- **Developed user interfaces using Tiles with JSP, HTML and JavaScript and applied Cascading Style sheets (CSS) to the pages.**
- **Written JavaScript functions for client-side code to implement different functionalities in events, validation, and listeners.**
- **Designed and developed GUI with web forms using ASP.NET, VB.NET Controls, Knockout.JS, AJAX, jQuery, and JavaScript.**
- **Developed & maintained Web Forms with ASP. NET , Silverlight, and C# . Wrote Unit test classes and projects using Unknit Framework**
- **Perform debugging, bug fixing, unit testing, integration testing and documentation.**
- **Worked extensively on IIS 7.0 for effective utilization of WCF Services.**
- **Worked on JIRA for tracking and updating tickets and fixed the issues.**
- **Developed custom ad-hoc reports by using SQL Server Reporting Services (SSRS).**
- **Was involved in all stages of Software Development Life Cycle including Analysis, Design, Coding, System Tests, Installation and Maintenance.**
- **Master Pages were used to achieve uniformity in the entire application and CSS were used for theming the pages.**
- **New Assemblies were developed to implement various functionalities in the Business Logic using C#.NET.**
- **Created services using WCF over HTTP and TCP/IP protocols.**
- **Extensive experience on data integration using SSIS.**
- **Created Stored Procedures, PL/SQL statements, Functions to manipulate the databases.**
- **SQL queries were written using joins on multiple tables into stored procedures. Functions, Triggers, and Indexes were also used for achieving few database search functionalities.**
- 
- **Environment: ASP.NET 3.0, C#, Web Services, MVC 3.0, WCF, HTML, CSS, Visual Studio 2010, SQL Server Management Studio 2008, SSRS,Entity Framework,TFS,SSIS.**



Exhibit B

**EXHIBIT B – Required Documentation Verification Form**

**Section 4.1.2 - Debugging Code for existing systems within Microsoft Visual Studio 2013. Documenting code changes consistently throughout the development process**

Previous Project: **Real Estate Software System (RESS)**

Project Start Date: **07/2020**

Date Completed: **08/2023**

Project Description: **Wrote new API application with Visual Studio, MVC, .net framework and C# as code behind language creating new pages and fixing bugs on existing pages. Extensively worked on web services including SOA, REST, developing the Web applications using Microsoft advanced technologies MSFT Visual Studio 2013 and Microservices architectures to consume to feed financial data and provided security. Using Visual Studio 2013 C# and Framework 3.5, uploaded binary objects into SQL server 2005. Uploaded images and binary signatures. Developed applications using VSS and Visual Studio 2013. Created and parsed CSV documents via C# in Visual Studio. The information was in the form of banking and credit card documents in CSV and XML format.**

Contractor’s Role: **Worked as a Lead Dot Net Developer**

Skillsets Utilized: **Visual Studio 2013, API, Microservices**

Location: **Harrisburg, PA**

Project URL: \_\_\_\_\_  
(if applicable)

Project Manager / Supervisor: **Chintan M**

Phone Number: **332-333-9558**

Email Address: **chintan.m@nationwide.com**

OT18002



**EXHIBIT B – Required Documentation Verification Form**

**Section 4.1.2 -Working on a team with business analysts to define new features  
that the contractor must then code and integrate for existing systems**

Previous Project: **Real Estate Software System (RESS)**

Project Start Date: **07/2020**

Date Completed:**08/2023**

Project Description: **Design of the database schema and the underlying business logic, along with the implementation of SQL queries, stored procedures on SQL Server database Ability to work with Product and Development Teams when changes to the application are needed. Prepared the technical specification document (TSD) according to the business requirement document (BRD) from the customer and Functional Requirement document (FSD) from PM team. Developed the complete error handling throughout the app. Handled the authentication part for the app. Developed phone pages by using the MVVM architecture. Written WP code for pinning the tile, registering the tile and live updates from Azure service and from MPNS.**

Contractor’s Role: **Worked as a Lead Dot Net Developer**

Skillsets Utilized:**Azure, Business Analysis , Java Script**

Location: **Harrisburg, PA**

Project URL:

(if applicable)

Project Manager / Supervisor: **Chintan M**

Phone Number: **332-333-9558**

Email Address: **chintan.m@nationwide.com**

OT18002



**EXHIBIT B – Required Documentation Verification Form**

**Section 4.1.2 -Working on a team with developers to upgrade and configure existing code**

Previous Project: **Real Estate Software System (RESS)**

Project Start Date:**07/2020**

Date Completed:**08/2023**

Project Description:**Testing which involves unit testing, integration, performance and auditing the code to ensure it works with minimal defects before going to production. Implemented the ASP.NET web pages with C#.NET code. Used LINQ to objects to query the context database, which resulted in reduced code. Created custom controls for the ADO.net windows Forms Using VB.NET code.**

Contractor’s Role: **Worked as a Lead Dot Net Developer**

Skillsets Utilized: **VB . Net, c#, ASP. Net**

Location: **Harrisburg, PA**

Project URL: \_\_\_\_\_  
(if applicable)

Project Manager / Supervisor: **Chintan M**

Phone Number: **332-333-9558**

Email Address: **chintan.m@nationwide.com**

OT18002



**EXHIBIT B – Required Documentation Verification Form**

**Section 4.1.2 –Software testing, including system integration and regression testing, to ensure application changes continue to meet the business needs**

Previous Project: **Real Estate Software System (RESS)**

Project Start Date: **07/2020**

Date Completed: **08/2023**

Project Description: **Resolve Technical and design issues and perform independent unit testing. Used Selenium IDE for Used Selenium IDE for basic automation testing. Performed unit testing of various business modules using MSTest. Involved different phases of Software Development Life Cycle (SDLC) including Designing, Development, Implementation, and Testing.**

Contractor’s Role: **Worked as a Lead Dot Net Developer**

Skillsets Utilized: **MS Test, Visual Studio**

Location: **Harrisburg, PA**

Project URL: \_\_\_\_\_  
(if applicable)

Project Manager / Supervisor: **Chintan M**

Phone Number: **332-333-9558**

Email Address: **chintan.m@nationwide.com**

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**EXHIBIT B – Required Documentation Verification Form**

- 4.1.3 The Vendor must provide one (1) application developer with a minimum of two (2) years paid experience working on projects in the following industry:
  - 4.1.3.1 Developing and Optimizing Pension Administration solutions
  - 4.1.3.2 Optimizing and developing .Net Framework Batches

Previous Project: **Real Estate Software System (RESS)**

Project Start Date: **07/2020** Date Completed: **Ongoing**

Project Description: **Responsible for Designing coding developing and implementing application using C .net and vb.net. experience in designing and developing Microservices for the business components using .NET framework developing and consuming ASP.Net Web Services using WSDL and SOAP, ASP.Net Web API's (RESTful) .Net Core API and Windows Communication Foundation (WCF).**

Contractor’s Role: **Worked as a Lead Dot Net Developer**

Skillsets Utilized: **ASP.NET 4.6.2, C#, .Net Framework 4.7, Visual Studio 2017**

Location: **Harrisburg, PA**

Project URL: \_\_\_\_\_  
(if applicable)

Project Manager / Supervisor: **Chintan M**

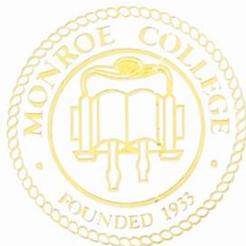
Phone Number: **332-333-9558**

Email Address: **chintan.m@nationwide.com**

OT18002



Copy of Diploma Certificate



Presented to

**Pradeep Gurung**

*Magna Cum Laude*

Bachelor of Business Administration in Business Management

School of Business & Accounting

**MONROE COLLEGE**

August 22, 2019

EXHIBIT A CRFQ CPR2400000001 Professional Application Developers

Contract Item	Description	Unit of Measure	Estimated Quantity	Unit Cost	Extended Cost
5.1.1	Contract Services #1 – Professional Application Developers	Hourly	2080	\$ 100.00	\$ 208,000.00
5.1.1	Optional Renewal Year 2 for Contract Services #1 – Professional Application Developers	Hourly	2080	\$ 102.00	\$ 212,160.00
5.1.1	Optional Renewal Year 3 for Contract Services #1 – Professional Application Developers	Hourly	2080	\$ 104.04	\$ 216,403.20
5.1.1	Optional Renewal Year 4 for Contract Services #1 – Professional Application Developers	Hourly	2080	\$ 106.12	\$ 220,731.26
				Total Cost	\$ 857,294.46