**Varun .Net Full Stack Developer**  469-770-7004 dotnetfullstackdeveloper3@gmail.com

**SUMMERY**

* Professional IT Experience of **7years** in analysis, design, development, testing and maintenance of complex Software and Database Applications
* Strong Analytical and problem-solving skills at any tense and deadline situations. Being a team player and self-motivated, I am confident of better understanding of the situation to get the best possible results.
* Involved and Developed applications / Systems with .**NET Framework 4.5/4.0/3.5/3.0/2.0** and **Visual Studio2017/ 2015**
* Strong experience in analysis, design and implementation of Object-Oriented **(OOP)** Applications (Inheritance, Polymorphism, Exception Handling etc.) also implement S.O.L.I.D. Principles using C#.
* Worked on Repository, **UOW, and Singleton, Decorator pattern, Abstract Factory, Factory, and Facade patterns.**
* Strong expertise **in C#, ASP.NET, WEB-API, MVC, Razor, Entity Framework**.
* Using ASP.NET Core, AngularJS, Node JS and Typescript to develop Single Page Applications (SPA).
* Experience deployment of applications in **cloud AZURE**.
* Designed the data models to be used in data intensive **AWS Lambda**applications which are aimed to do complex analysis creating analytical reports for end-to-end
* Experience in Test-Driven Development.
* Experience in **N-Hibernate**, **Entity Framework** for **ORM to** traditional relational databases.
* Proficient in developing SOAP based Web Services and WCF-REST Services.
* Experience with **LINQ** to **XML**, **LINQ** to Objects, **LINQ to SQL.**
* **Implemented** Task Parallel Library (**TPL**) for various component.
* Experience in asynchronous programming
* Building Responsive **UI** with **Bootstrap framework**.
* Strong knowledge and working experience of **usage JavaScript, HTML, XML, XSLT, CSS, Master Pages, Themes and Skins**
* ADO.NET objects such as Connection, **Command**, **Data Reader**, **Dataset** and **Data Adapter**.
* Securing web applications using various authentication and authorization mechanisms.
* Strong skills in **SQL Server, Stored Procedures, functions, triggers, indexing, importing/exporting**.
* Good working experience in **Azure Logic apps**, Service Bus, Document DB and SQL Database.
* Ability to create scripts using **Azure PowerShell** during for automation and build process.
* Very good hands-on experience in Creating **SSISPackages** and **SSRS Reporting Services**.
* Experience in **UML diagrams**, prepare technical specifications documentation.
* Worked on prototype design and **POC**.
* Performed unit testing and **performance testing**.
* Prepare the deployment process document.

**TECHINICAL SKILLS**

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| **.Net Technologies** | ASP.NET, MVC, Razor, .NET CORE 2.0, MS-AZURE, ADO.NET, Entity Framework, Web Services (SOAP, REST, JSON, Windows Services, LINQ, WCF, WCF-Rest, WEB-API, ASP, Windows Services.. |
| **Languages** | C#, VB.NET |
| **Client/Browser Technologies** | Angular-8/5,JSON, JavaScript,jQuery, CSS, XHTML, HTML, DHTML, XSLT |
| **RDBMS / Database / NOSQL** | MS SQL Server 2016/2012/2008, T-SQL, Oracle |
| **Design Methodologies** | OOAD with UML, Design Patterns, Data Flow Diagrams, Flow charts |
| **Tools & IDE** | Microsoft Visual Studio 2017/2015/2013/2012/2010, Visual Studio Code Microsoft Office, Microsoft Project Server, MS VISIO, Fiddler. Octopus, Glimpse, Telerik, JIRA, ReSharper, Fluent Validation, GIT,JIRA API, Swagger Documentation Tool, TypeScript, NodeJS,NPM, Karma-Jasmine, POSTMAN,TIDAL  |
| **Version Control** | Microsoft Visual Source Safe, Team Foundation Server, GitHub |
| **Web Servers** | Internet Information Server 6.0/7.0 |

**EDUCATION**

* **Master of Science, Computer Science | Arkansas Tech University | USA**
* **Bachelor of Technology, Computer Science | Amrita Vishwa Vidhyapetam | INDIA.**

**KEY DOMAIN AND TECHNICAL KNOWLEDGE**

**Domain: Banking, Heath Care and Logistics**

**Technical: C#, Angular 5, Web API’s, SQL**

**WORK EXPERIENCE**

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| **Client: XPO Logistics | Portland, OR Aug 2019 – Present****Project Title: XPO Connect – Managed Transportation  Role: Sr. Full Stack .Net Developer** |

**Project Description:** XPO Connect is an application used by user to create Orders and manage Shipments across North America. User can save preferred Origin and Destination locations. Frequently used Orders can be saved as favorites so that User can directly place an Order. User can track the truck’s current location along with weather, traffic etc.. it creates an email alert if delivery is delayed.

**Key Contributions:**

* Developed and enhanced the application in .NET Core 2.2.
* Prioritized tasks and resolved Critical and High priority tasks based on customer requirements as part of Prod Support.
* Developed and maintained application using **C#, Web API’s, Angular 5, HTML5, CSS3**.
* Restricted users to view only certain pages based on **Role based authentication** in application.
* Migrated the application as a team from **Angular 5** to **Angular 8**.
* Made use of **Xlsx workbboklibraries** in TypeScript to convert .xlsx, .xls file to .csv.
* Used **Web API’s** as an ideal platform in building **REST**ful application and to build **HTTP** based services.
* Involved in the designing and implementation of a database on SQL Server 2017.
* Worked on **Creating tables**, **SQL Queries, Views and Stored Procedures** to process these data.
* Implemented decorator pattern and dependency injection.
* Clearly defined Nouns to describe URLs better.
* Describe resource functionality with **HTTP methods**.
* Implemented versioning for **API**.
* Handled Errors with **HTTP** status codes
* Implemented various filters to implement logging and email notifications.
* Implemented Microsoft authentication library.
* Retrieved data from **Elastic Search (XRT)** so that user has better experience in viewing large amount of data in Orders and Shipments page.
* Improved Performance of the application by modifying the stored procedures and crating index in tables etc..
* Used **Jenkins** for continuous integration and continuous deployments**(CI/CD)** and collaborated with DevOps
* engineers for build deployments.
* Used **Octopus**toolfor code deployments.
* Troubleshooting and resolve the Splunk - performance, log monitoring issues, role mapping, dashboard
* creation etc
* Used **Kibana** to identify the errors and exceptions along with capturing JSON’s which are received to do HTTP operations.
* Used **New Relic** to monitor the performance of the application i.e CPU utilization and Stored Procedure execution.
* Setup **Zabbix** to monitor difference in count between Connect, OTM and XRT (Elastic Search) for Orders, Shipments and PO’s.
* Used **Docker** container to deploy the application as an image in Azure Cloud.
* Installation and Configuration of Web Logic on **Linux**.
* Real-time data processing using **Azure Event Hub** and then reading data through.
* Worked on Server less services (**Azure Functions**) created and configured HTTP Triggers
* Participated in requirement gathering, code and design reviews.
* Perform code reviews.
* Working with Octopus for setting configuration global settings for deployments
* Testing **with POSTMAN and Swagger tool**.
* Written High level technical documentation using **JIRA** confluence.
* Involved in resolving major bug fixes with in the application.
* Coordinated with multiple vendors from geographically distributed teams for a successful development, testing and deployment of a single project

**Environment.NET Core 2.2 ,C#, Dapper ORM, SQL Server, WEB-API, Angular , Type Script, TFS MS-Visual Studio, IIS, Azure Services.**

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| **Client: AllStream | Portland, OR May 2019 – Aug 2019Project Title: Zayo Billing Services****Role: Sr. Full Stack .Net Developer** |

**Project Description:** Allstream is a Canadian based telecommunication company. Zayo Billing Service project was to integrate multiple companies acquired by Zayo into a Single billing service. End of each business day a process gets triggered and all payments information of User needs to be sent to third party service. Third party company deals with the users bank. Users accounts are updated depending on payments received from third party company.

**Key Contributions:**

* Developed and enhanced the application in **.NET Framework 4.5**.
* Developed data driven business logic using **C#**.
* Used **LINQ** to query strongly typed collections of objects and **Entity Framework 4.0**.
* Used **Web API’s** as an ideal platform in building applications.
* Integrated Third party API’s into the application.
* Responsible in developing **Stored Procedures, Views, Indexes** for database transactions on SQL Server 2017.
* Involved in troubleshooting and debugging of application within Stipulated time.
* Developed a module using **JIRA API SDK** to create **JIRA** tickets and send a notification etc.
* Client and server-side validations done using Java Script, JQuery controls.
* Created Reports like ---**SSRS** Reporting tools.
* Written Unit Test for all modules.
* Extensively written Nunittests,performedUnit testing and Integration testing using c# to test the application
* and Working with QA.
* Created several database objects such as Views and Stored Procedures T-SQL in SQL Server database.
* Worked on design and implementation of Governance model for secure access of AWS and On Premise
* servers in C#.
* Utilized HTML5, CSS3, and BootStrap for stylish and modern front end design to further promote organization
* and attract future business, and reduce back-end data validation.
* Spark 2.0 on HDInsight and its Integration with **Azure Event Hubs** for streaming real-time data.
* Used **Azure Functions** with Application Insights for monitoring and performing load testing on the Applications using **VSTS**.
* Created SQL Server Reports based on the requirements using SSRS 2012.
* Involved in providing technical support and maintenance for the application running at IIS 7.0
* Performed data transformations using **SQL Server Integration Services (SSIS) and SSRS** via the implemented enhancements for better performance.
* Developed and implemented User Controls in ASP.NET for code redundancy.
* Exposed and consumed Restful Web Services using the Windows Communication Foundation (WCF) foronline transaction using APIs.
* Setting up **Oracle 8 server in Linux/Unix** environment.
* Deployment of Cloud service including **Jenkins on Docker**
* Conducted comprehensive testing of developed objects in development and QA environments, including regression testing before any changes are released to Production.
* Debugging the application in Development environment.
* Review the code.
* Written technical documentation and developed workflows for the business functionality.
* Worked in **Agile Methodology** to meet client expectations, timelines with quality deliverables.

**Environment**: **NET Framework 4.5 ,C#, Dapper ORM, TFS MS-Visual Studio, IIS, SQL Server.**

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| **Client: | Huron Consulting Groupl| Portland, OR Oct 2018 –April 2019****Project Title: HAP (Huron Accelerated Portal)****Role: Full Stack .Net Developer** |

**Project Description:** HAP is an application build for Health services where admin providers (doctors) can add providers and nurses. Providers can take feedback from the patients and take training using application. Nurses can submit timesheet by entering number of hours worked under a certain provider and Provider can approve the timesheet.

**Key Contributions:**

* Designed, developed and enhanced the application in **.NET Framework 4.6.2** and **.NET Core 2.2**.
* Implemented **ngx-dropdownlist** in **Angular 6** Using it we can select multiple items in a drop down list at a time.
* Used Amazon Web Services (AWS) services like **S3 buckets**, **EC2 instances**.
* Dropped .csv file into **S3 bucket** making use of **Angular 6**.
* Developed **AWS Lambda** functions code in **C#** using **.NET Core 2.0** for HTTP client implementation.
* Created a **Lambda** Deployment function, and configured it to receive events from your **S3 bucket**.
* Used **Dapper** methodology for making transactions between front end and database.
* Created shared API to share user’s information with other teams who integrate with our application.
* Used **S3 buckets** to store files and Each Client has a single bucket and created folder structure for different environment (QA, UAT, Prod) by using this approach we were able to reduce the buckets count.
* Used **Wave**, **Axe** and **NVDA** tools and fixed many issues related with **508 compliance**.
* Migratedfrom**TFS**(TeamFoundationServer)to**VSTS**.
* Deployed the application in **GOV Cloud** with the help of **DevOps** team
* Worked on build and release pipeline for **CI/CD**(Continuous Integration/ Continuous Deployment).
* Setting up the **build** process in **Azure DevOps** by adding jobs like (visual studio build, Unit test build, Database build, publishing Artifacts) to agent.
* Written scripts for VS build and Unit Tests in **Azure DevOps** for Continues Integration(**CI**).
* Setting up the **release** by deploying the artifacts files to the server using Agent in **Azure DevOps**
* Identified and added environment variables in **release** pipeline whose values change from environment to environment like (**UAT, Local, QA, Dev and Production**).
* Worked with version control systems like **GIT** and used Source code management client tools like **VSTS and TFS**.

**Environment**: **ASP.NET ,C#, Dapper ORM, Oracle, WEB-API, Angular , Type Script , Jira, IIS, SQL Server**

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| **Client: | Sherwin Williams | Cleveland, OH July 2017 –Sep 2018****Role: Full Stack .Net Developer**  |

**Project Description:** Sherwin APT(Assortment Planning Tool) is an application where retailer manager can plan or pre-order the products. In application includes the products sold by each store, new products requested by store, MSRP of each product and number of products sold in Clearance

**Key Contributions:**

* Designed, developed and enhanced the application in **.NET Framework.**
* Created **Angular** Components, Scope, Model, View, Services etc., which Isolate scopes performance operation in **UI.**
* Develop new features and reusable components from designs and wireframes using **Angular JS.**
* Developed Components like Controllers, Models, Views, Layout and Action Filters in **ASP.NET MVC 4.0**
* Created **Web APIs** using ASP.NET Web API allow new web/client projects to leverage reusable data.
* Used various bootstrap components like accordion, date picker, time picker, alert, buttons, modal components.
* Used **Razor** syntax in creating **ASP.NET MVC** application by reducing the coding aspect.
* Developed and deploying **WCF Services** and **XML Web Services.**
* Designed container based **microservices** architecture. Implemented scalable message queue based transaction flow and **SQL** log shipping for concurrency among all data centers.
* Implemented **Entity Framework Migration** to enforce the frequent changes in Conceptual layer changes to database.
* Responsible in fixing critical bugs in product.
* Involved in the designing and implementation of a database on **SQL Server 2012**. Worked on creating tables, **SQL Queries, Views and Stored Procedures/functions** to process these data.
* Created automated Unit test plans and performed Unit testing modules according to the requirements and development with **N-Unit** testing.
* Review the test cases, scenarios and prepared bug report.
* Prepared technical documentation.

**Environment**: **.NET ,C#, Angular, Dapper ORM, WEB-API, IIS, SQL Server**.

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| **Client: | Home BancShares | Conway, AR Aug 2016 – June 2017Role: Full Stack .Net Developer** |

**Project Description:** HBM application is used to calculate the mortgage loan if a new application is raised. Bank employees can check the status of new application by customer for mortgage loan.If loan is lapsed it is transferred to third party company (Collection agent) where customer details are shared and they are responsible for the loan.

**Key Contributions:**

* Collaborated with existing development team to maintain internal **ASP.NET** websites application.
* Used **LINQ** to query against strongly typed collections of objects and **Entity Framework 4.0.**
* Developed data driven business logic using **C#.**
* Used **Web API** as an ideal platform in building **Restful** application.
* Created and hosted **WCF Services** and used different bindings to make it available to different types of clients.
* Experience with the features of **Angular** **2** such as directives, modules and routing
* Highly used **Angular 2** router to build single page application for navigate through the different status and multiple modals.
* Responsible in developing **Stored Procedures, Views, Indexes, Scripts** for database transactions on **SQL server 2012.** Involved in Troubleshooting and Debugging of the application within Stipulated time.
* Conducted comprehensive testing of developed objects in development and **QA** environments, including regression testing before any changes are released to the Production environment.
* Worked in **Agile** Methodology to meet customers expectations, timelines with quality deliverables.

**Environment**: **ASP.NET ,C#, Entity Framework ORM, WEB-API, Angular , Type Script , Visual Studio, IIS, SQL Server.**

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| **Client: GGK Technology| India Jan 2014 – June 2016Role: Software Developer** |

**Project Description:** Apatics application is used to figure out the fraud claims by hospitals and doctors to insurance providers after they treat a patient. The frequently used codes are analyzed to eliminate the claim. With the help of this application the UKInsurance providers had a large scale of frauds where eradicated which improved their revenue.

**Key Contributions:**

* Create dynamic views using **AngularJS**.
* Developed **UI** using **HTML, CSS, Bootstrap, jQuery** and **JSP** for interactive cross browser functionality and complex user interface.
* Used **AngularJS** to handle client interaction.
* Extensive experience in developing Web applications using **MVC** and **Web API**.
* Developed and maintained Web Forms with **ASP.NET, AngularJS, IIS 6.0/5.0** and **C#.**
* Implemented **PowerShell scripts** that automated creations of contacts from Active Directory users and updating of address books -increasing productivity and efficiency.
* Involved in hosting the **WCF** based services on **IIS 6.0/5.0** and testing the service using the tool, WCF client.
* Designed graphical user interface for various web pages using **AJAX, HTML, CSS, JavaScript, Bootstrap** and **Silverlight.**
* Created and used Stored Procedures, Views, Joins, Triggers, Index’s in **SQL Server 2012**.
* Followed **Agile Methodology** to produce high Quality software and satisfy the customer.
* Used **Agile Methodologies** for development through **TDD**, continuous integration, stand-up meetings.

**Environment**: **ASP.NET ,C#, Dapper ORM, Angular , Type Script , MS-Visual Studio, IIS, SQL Server.**

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| **Client: DNJK Technologies | India May 2013 – Dec 2014Role: Associate Software Developer** |

**Key Contributions:**

* Involved in the team to develop the application using **Visual Studio .Net Framework, C#, ASP.NET, MVC, SQL Server,** and **LINQ, Entity Framework.**
* Implemented designed patterns.
* Implemented 3-tier **architecture** for development.
* Client and server-side validations done using Java Script, **JQuery** and ASP. Net validation controls.
* Involved in creating **EDMX (ADO .Net Entity Data Model**) and Mapping.
* Data migration from **DB2** to MS SQL Server using **SSIS packages**.
* Used **LINQ** for querying entities.
* Developed **ASP.NET** web pages (**C# code behind**) for authentication, registration, maintenance, documents uploading and faculty approval system
* Client and server-side validations using Fluent Validation and Validation Controls and performing the tasks related to Database issues.
* Created Reports like Master Detail, Side by Side, Table Report using **SSRS Reporting tools**.
* Developed **WCF** services and implemented with service contract attributes, operation contract and data contract attributes.
* Built Interactive UI using **MVC Razor**.
* Written Unit Test for all modules.
* Handled performance testing to measure memory and **CPU utilization**.
* Prepares technical designs, performs code reviews, debugging and testing
* Followed Agile Methodology.

**Environment**: **C#, ASP.NET, MVC, Razor, Entity Framework, WCF Service RESTFUL, WEB-API, JQuery, StyleCop, Fluent Validations, Telerik, MS-VS 2013,2012, SQL Server2012, TFS, SSIS, SSRS.**