

Summary

- A programming professional with **10+ years** of proven experience in web-based application design, development, and deployment using **ASP.NET, .NET Core, .NET 5/6, ADO.NET, MVC, C#, LINQ, EF/EF Core, FluentAPI, MS SQL, JavaScript, Json, jQuery, AJAX, WCF, SPA, Web API, RESTful Services**
- Strong understanding n-tier application development using **OOP/SOLID/SOA** principles, data-structure & algorithms, **dependency injection**, middleware, and **design patterns**
- Proficiency in frontend UI development using **HTML5, CSS3, Bootstrap, SASS, jQuery** and various JS plugins
- Hands-on experience in all phases of **Software Development Life Cycle (SDLC)** in Agile and Scrum development environment including **TDD/BDD** development
- Extensive experience in relational database development for creating complex database queries, writing constraints, indexes, views, stored procedures using **T-SQL** and **PL/SQL** in **MS SQL Server**
- Proficiency in sprint planning in **Azure DevOps/JIRA** along with **CI/CD** pipeline integration
- Good team player with excellent **communication** and **interpersonal skills**, flexible, adaptable to learning new technologies and able to work effectively in a team as well as independently with minimal supervision

Technical Skills

Languages: C, C++, C#, VB, Python, PHP, JavaScript, SQL, Java	Frameworks: ASP.NET, .NET Core, .NET 5/6, IdentityCore, MVC, MVVM, ADO.NET, EF/EF Core, AutoMapper, FluentAPI
Web Technologies: Web Services, WCF, Web API, REST, SOAP, XML, JSON, IoC/DI, LINQ, Lambda expression, SOLID principles, AutoFac, WPF	Tools: Microsoft Visual Studio, MS SQL Server Management Studio, MS Visio, Bugzilla, JIRA
Database: MS SQL 2008/2012/2014/2019, MySQL, Oracle, NoSQL, MongoDB	Version Control and Tools: TFS, GitHub, Bitbucket, JIRA, Visual Studio, VS Code, Power Shell, SSMS
Testing: Black/White box testing, TDD, Unit Testing, Integration testing	Other: SSRS, SSIS, Crystal Report, Apex, SharePoint, agile, waterfall
Front End Technologies: HTML5, CSS3, XML, JSON, jQuery, JavaScript, React	Cloud Technologies: Azure (DevOps/App Services, CI/CD, SQL, Functions, Storage), Apache HTTP

Work Experience

SR. SOFTWARE DEVELOPER | OLIVECONCEPTS (REMOTE SINCE JAN 2021) | JULY 2015 – PRESENT

Projects: IMS – Issue Management System, EMS – Employee Management System

- Participate in the complete software development life cycle (**SDLC**) including analysis, design, implementation, testing, and maintenance using **agile** methodology with daily scrums, paired programming using **TDD** and **CI/CD**
- Design and develop various **abstract** classes, interfaces, partial classes/entities to construct the domain layer using **C#, MVC, EF, LINQ, DI, Fluent API, SOLID, OOP**, and **clean code** architecture
- **Architect** data access layer (DAL), which would connect to multiple databases for various groups; develop components for business layer and data Layer, implementation in **MVC** architecture
- Implement **business logic** using repository and adapter pattern using **dependency injection** principle

- Configure and implement consumable **RESTful API** endpoints in **.NET** providing authentication and authorization services for **multi-tenant** applications
- Implemented **SQL** coding by creating **stored procedures, functions, triggers**, packages and sequences using **PL/SQL** on oracle database to use them on console and web application for selecting, inserting, updating and deleting records
- Work with UI/UX designers to build dynamic and **responsive** user facing frontend pages using HTML, CSS, Bootstrap, JavaScript, jQuery, **AJAX** control toolkit
- Create event driven web pages using ASP.NET and implement **validations** using various controls/libraries for custom **validations** and write JavaScript/jQuery code for client-side validations
- Involve in writing unit-tests in **XUnit** using XUnit DI techniques, **class fixtures, MOQ**, and **FluentAssertion** to ensure the code quality
- Prepare **test cases** along with QA team while making sure the verification and execution test plans in JIRA
- **Assist** junior developers and other teammates with technical challenges and understanding **JIRA** tickets
- Perform **code reviews**, testing, documentation and training the team with advanced technologies
- Attend daily **scrum meeting** with the team to discuss progress, assign new tasks, address any roadblocks
- Define epics, user stories, bugs and tasks in **GitHub**, and set priorities based on client requirements
- **Migrate** legacy code to advanced architecture using various design patterns while integrating authentication and authorization of users (**Identity**) for eCommerce and user management systems
- Perform **root cause analysis** to find, fix and prevent critical production bugs

SOFTWARE DEVELOPER | DRC TECHNO | SEPT 2010 - JULY 2015

Project#1: Orafo - Manufacturing

- Developed and designed N-tier web-application using **ASP.NET MVC**, C#, MS SQL Server, **DI**, EF, HTML, CSS, Bootstrap, JavaScript, **jQuery**, **Ajax**, **WCF**
- Involved in designing the layout of **UI/UX** using Visio and class diagrams using **UML**
- Developed the independent **WCF** (Windows Communication Foundation) services and defined Service Contracts for specific functionality in search module
- Implemented Data access layer (**DAL**) using **ADO.NET**, **LINQ** and **Entity framework** 6.0 to connect and retrieve or manipulate database information
- Developed stored procedures, triggers, and views in **SQL Server** for accessing the database and generating different types of reports using **SQL reporting services (SSRS)**
- Implemented server-side **RESTful** web services for external vendors to access our applications, and client-side application to invoke internal web services
- Worked closely with **cross-functional** teams including developers, QA, implementation, and customer support throughout the development phase to ensure customer happiness
- Implemented and extensively used the **OOP** concepts and **SOLID** principles in C# and ASP. Net
- Used **GitHub** version control system along with the maintenance of the builds and the relevant documents of the same
- Involved in **unit testing**, integration testing and deployment of the application

Project#2: WMS – Warehouse Management System

- Developed a robust billing application using web forms and **ASP.NET MVC**, C#, **SQL Server**, ADO.NET, **Crystal Report** 2008, HTML, XML, Dreamweaver, Bootstrap, JavaScript, jQuery, Kendo UI, Rotative.io

- Used N-layer architecture for presentation layer, business & data access layer along with **SOLID** and OOP principles
- Prepared designs for specific requirements, **SQL queries**, performed unit testing and **code reviews** for maintaining quality of overall deliverables and represented offshore team in daily **scrum meetings**
- Added **interfaces** to the WCF service for the business layer to fetch data from the server
- Extensively used **XML** DOM and **XPath** to create, read, and manipulate the XML data
- Architect and developed the core components of the application which includes a **data access layer** (DAL) and an **error logging mechanism**
- Utilized ADO.NET technology extensively for data retrieving, querying, storage and manipulation using **LINQ** statements, views, user defined functions, stored procedures for **CRUD** operations
- Wrote **unit tests** during the whole code development phase and participated actively in the **black-box testing**

Education

- Bachelor of Technology in Information Technology, VNSGU, India (July 2006 - May 2010)