

PROFESSIONAL SUMMARY

- Experienced full stack developer and technology lead with over 8 years of experience in designing and developing of Windows and Web applications using Microsoft Technologies.
- Extensive knowledge of implementing applications, both on premise and in cloud (Azure).
- Experience building applications with human centric design and aesthetically pleasing UI using Angular 2 and above, HTML and CSS.
- Strong knowledge and implementation of object-oriented principles, design patterns and test-driven development.
- Experience in leading geographically diverse teams, as a technical lead.
- Tech savvy and constantly on look out to learn new technology trends and product enhancements to strengthen and refine professional effectiveness.

SKILL SET

Programming Languages: C, C#, SQL, T-SQL

Microsoft Technologies: .NET Framework, C#.NET, ASP.NET, ASP.NET MVC 4/5, ASP.NET Core, ADO.NET, WPF, WCF, Web services, Web API, JSON, AJAX, PowerShell, Microsoft Azure

UI Technologies: HTML 5, Bootstrap 3.0, Typescript 2.0, CSS3, Angular 2+, JQuery, JavaScript

Databases: SQL Server 2017, Azure Cosmos DB

Database Access Technologies: Entity framework, LINQ, ADO.NET

Design Tools and Languages: UML, Visio, Threat Modeling

Testing Tools and Languages: NUnit and MS Test Manager

Servers: IIS

IDEs: Visual Studio Code, Visual Studio 2015+, SSMS

Debugging tools: Developer Tools, Fiddler, Postman, SQL Profiler

Operating systems: Mac, Windows

Version Control: VSO, VSTS, GIT

EXPERIENCE

Employer: Nagarro

Feb 2019 - Oct 2020

Client: Department of Homeless Services of New York City

Project: HOME (Web App to aid clients find permanent housing)

Position: Module lead/Developer

Responsibilities:

- Leading a team of developers in building a module from ground by working in collaboration with business stakeholders and leads from other modules in a fast-paced agile environment to meet collective goals with quality deliverables.
- Developed architectural design and proof of concepts to spearhead the team to integrate Angular into an existing MVC application and drive the team towards newer technology.

- Designed and developed a dashboard framework using Angular Material which was used in multiple pages throughout the application.
- Designed log management and activity capture frameworks to capture any changes to business entities.
- Work with business stakeholders and technology architects to suggest multiple approaches for a given business use case and help them make right decisions.
- Reviewed the existing devops process and suggested improvements to development process and migration strategy to provide efficient, test driven and cost-effective development.
- Created multiple SQL queries and stored procedures to fit business requirements.
- Fine-tuned and optimized existing SQL queries by analyzing execution plans, implementing indexing strategies and applying normalization forms or changing the database design, often bringing the execution time from minutes to few seconds.

Employer: Infosys Ltd

Sept 2014 – Feb 2019

Client: Microsoft Corporation

Project: MyOrder (Web App for internal commerce)

Position: Technical Lead

Responsibilities:

- Worked on design and development of application using Microsoft technology stack with Angular 4 with Typescript, Web API, Microsoft Azure.
- Led the team of 10 in design and development of customer facing pages using Angular 4 with Typescript, CSS 3, HTML 5, Bootstrap.
- Led the team in designing and developing restful services using ASP.NET Web API and used EF with LINQ for exposing services to Azure hosted Web application.
- Made design recommendations towards the development of new code or reuse of existing code.
- Implemented data management using azure key vaults and azure data factories.
- Set up Azure Redis cache for faster domain data retrieval, better performance and data security.
- Helped in setting up VSO for build and release definition while integrating and deploying azure components such as WebApp, Database, key vaults etc.
- Worked with azure application insights to source data for real time usage monitoring.
- Designed a framework to support Test Driven Development (TDD) by making use of Dependency Injection.

Client: Microsoft Corporation

Project: Controller Workspace (Windows app for milestone tracking)

Position: Technical Lead

Responsibilities:

- Main responsibility involved analysis, design, development, deployment, unit testing and package creation.
- Developed several modules from the scratch by designing UI using XAML with asynchronous calls to WCF endpoints.
- Implemented and exposed WCF REST endpoints by consuming 7 upstream applications and modifying business entities as per the standards.
- Written unit test cases for WCF services using NSubstitute.
- Updated authentication and authorization from CorpSTS to AAD with GraphAPI.
- Migrated from SQL 2012 to 2015 making use of load balancing features.
- Integrated the application with application Insights for logging and real time data tracking.
- Upgrading from TFS to VSO which involved in source code and work items migrations, and also created build and release definition in RMO.
- Created release definition in RMO (one-click deployment) for migrating from V5 to ARM V6 servers by using PowerShell scripting.
- Documenting and maintaining an updated version of the major implementations such as authentication, endpoint changes and service operation guide.
- Provided step by step documentation to help operation teams for application deployment.
- Collaborated with several external teams to render output and to maintain in sync with the project timelines.
- Provided timely and accurate advice, guidance and support to peers.

Client: Microsoft Corporation

Project: Close Checklist (Cloud hosted web app for activity management)

Position: Technical Lead

Responsibilities:

- Main responsibility involved designing, developing and deployment of Azure hosted cloud service.
- Led team in designing and Implementing Web API endpoints for the front tier to consume.
- Updated authentication and authorization from CorpSTS to AAD with GraphAPI.
- Upgraded from TFS to VSO, involved in source code migration, created build and release definition in RMO.

Client: Microsoft Corporation

Project: Master Maintenance (Cloud hosted web service for order management)

Position: Software Developer

Responsibilities:

- Main responsibility involved analysis, framework design, development and deployment.
- Designed layout of application framework to maintain separation of concerns.
- Set up and implemented Azure hosted Web APIs to use Azure Hybrid Connection to connect to on-premise services.

- Implemented certification-based authentication to consume services exposed by SAP system.

Employer: PamTen Software Solutions

Jun 2014 – Aug 2014

Client: Global Life Card

Project: Global Life Card (Web App for storage of personal documents that are available for emergency responders)

Position: Software Engineer

Responsibilities:

- Main responsibility involved analysis, design and development.
- Designed razor views and built application tier using ASP.NET MVC.
- Implemented complex logic to export the data to PDF with custom designing.
- Designed Web APIs for the application tier to consume and perform crud operations on the backend system.
- Design tables and stored procedures in Azure SQL.
- Created unit test cases for positive, negative and error scenarios

Employer: NicoSystems

Mar 2012 – May 2014

Client: NetLabs Ltd., Australia

Projects: Web Applications for time, order and delivery management

Position: Software Engineer

Responsibilities:

- Main responsibilities involved analysis, design, development and testing.
- Developing and designing views using traditional HTML, JavaScript, CSS as well as Razor view.
- Developed the application layer using C# and using Entity Framework and ADO.Net as ORM to store data to the backend system.
- Have used Javascript, JQuery and AJAX to performing asynchronous operation or asynchronous calls to application layer
- Implemented WCF/Web APIs for the application tier to consume and perform crud operations on the backend system.
- Provided support to multiple applications by serving customer requests and bug fixes, if any.
- Used or implemented several modules with Web API, OWIN, AngularJS.
- Automated testing using Selenium with MS Visual studio.
- Developed step-by-step training manuals for end-users to ensure a seamless transition following application upgrades.

EDUCATION

Master of Business Administration
Andhra University

Mar 2014

Bachelor of Technology in Computer Science
Jawaharlal Nehru Technological University, Kakinada

May 2011

PROFESSIONAL CERTIFICATIONS

- Microsoft Certified in 70-487 Developing Microsoft Azure and Web Services course.
- Microsoft Certified in 70-486 Developing ASP.NET MVC Web Applications course.