

SOWRI ULAVALA SOFTWARE DEVELOPER

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Summary:

Highly skilled software developer with 2+ years of experience in .NET technologies, including .NET Core, ASP.NET Core MVC, C#, and SQL Server. Proficient in developing data layers with Entity Framework and ADO.NET, and in creating RESTful and SOAP Web Services. Experienced in SQL query development, RDBMS, and Single Page Applications with Angular. Adept at UI development using HTML5, CSS3, JavaScript, JQuery, AJAX, and Bootstrap. Skilled in unit testing, Test-driven development, and CI/CD tools like Jenkins and TFS Build. Familiar with deploying cloud solutions on Azure and AWS, version control with GIT, and effective team collaboration. My proven track record demonstrates successful implementation of innovative full-stack solutions aimed at enhancing application performance and user experience.

Education:

Northwest Missouri State University

Master of Computers and Information Systems GPA: 3.7/4.0

Maryville, MO

Aug 2022 – Dec 2023

Vellore Institute of Technology (VIT), University

Bachelor of Technology GPA: 8.2/10.0

Vellore, IN

July 2018 – April 2022

Certifications:

- **Microsoft Certified: Azure Administrator Associate** | Microsoft | [View Certificate](#)

Technical Skills:

- **Programming Languages:** C#, VB.NET, Java, SQL
- **Backend / Web:** .NET Core, .NET Framework, ASP.NET MVC, ASP.NET, Entity Framework, ADO.NET, REST API, WCF, IIS, JSON, XML
- **Frontend:** HTML, CSS, JavaScript, TypeScript, jQuery, Angular, Bootstrap
- **Design tools:** Figma, Adobe Photoshop, Visio
- **IDE Tools:** Visual Studio, SQL Server Management Studio
- **Databases:** MS SQL Server, PostgreSQL, MySQL, MongoDB
- **Cloud Technologies:** Microsoft Azure, AWS
- **Version Control:** Git, SVN, Team Foundation server
- **Software Testing:** NUnit, QTP, Jenkins, Jasmine, Karma, Protractor
- **Software Methodologies:** Agile (Scrum), Waterfall

Professional Experience:

Avis Budget Group, Kansas, MO

.NET Developer

May 2023 – Dec 2023

Project Description:

The project focused on modernizing and enhancing the web applications used by Avis Budget Group to streamline their recruitment processes and improve user experience. The goal was to migrate legacy applications to a more modern tech stack, ensuring responsiveness, security, and improved performance.

Responsibilities:

- Participated in the migration and architecture of legacy web applications to **Angular**.
- Developed secure, single-page, responsive web applications to replace outdated systems.
- Built Angular services to consume **RESTful APIs** and utilized reusable components and guards for a consistent application structure.
- Encapsulated data access interfaces and standardized **URL** handling within Angular resources.
- Created custom directives for reusable components, such as multi-field form elements and background file uploads.
- Designed and developed recruitment management tools using **C#.NET, ASP.Net MVC, and Azure App Services**.
- Utilized **Azure SQL Server** for data storage, writing efficient queries and stored procedures.
- Developed applications using **Angular, TypeScript, Bootstrap, and Kendo UI**.
- Implemented client-side validation and smart navigation systems using **TypeScript**.
- Conducted unit and integration testing using **NUNIT, Karma, Jasmine, and Protractor**.
- Performed code reviews to ensure adherence to coding standards.
- Managed application deployment using **Microsoft Azure**, including creating virtual machines and configuring Azure SQL and Storage services.
- Implemented **CI/CD** pipelines for automated build, test, and deployment processes.
- Created and maintained databases using **SQL Server** and **ADO.NET**.
- Generated reports using **SSRS** and **Telerik**.

- Configured form-based authentication and role-based authorization using C# and ASP.NET.
- Improved application performance through multithreading and SQL query optimization.
- Worked closely with the QA team to identify and fix bugs, ensuring the application met desired standards.
- Used **GIT** for version control and Team Foundation Server for source code management.

Technologies: C#, ASP.Net MVC, Angular, LINQ, JavaScript, TypeScript, CSS, HTML, jQuery, SQL Server 2014, ADO.Net, Azure App Service, Azure SQL, Azure Storage, RESTful API, SSRS, Telerik, NUNIT, Karma, Jasmine, Protractor, SVN, Team Foundation Server

HCL – Bengaluru, India

Software Developer

April 2021 – July 2022

Project Description:

The project aimed at developing and maintaining a series of web applications tailored for various clients. These applications were designed to streamline business processes and improve user engagement through robust, scalable, and user-friendly interfaces. The project lifecycle encompassed the full spectrum of the Software Development Life Cycle (SDLC) including analysis, design, implementation, testing, and support.

Responsibilities:

- Participated in all the phases of Software Life Cycle including **analysis, design, functionality, testing and support.**
- Developed and maintained web sites using **C#, ASP.Net MVC framework, LINQ with Java Script, CSS, HTML.**
- Responsible for architecting and coding several new sections for the existing web sites. These sections were implemented using **C#, ASP.NET MVC and jQuery.**
- Developed and maintained web sites using C# ASP.Net MVC framework, LINQ with Java Script, CSS, HTML.
- Applied Master Page, Skins and Themes to give a website consistent look throughout.
- Designed **web forms** using Master Pages, CSS, skins, and themes, with validation controls for input validation.
- Wrote Queries and Stored Procedures for integrating database for **CRUD operations** with databases.
- Experience on creating **tables, views, triggers, Views, constraints, Stored Procedures, Functions,** and Packages using **SQL** based on the user requirements.
- Designed and invoked reports for Web Applications using **Crystal Reports** and **SSRS (SQL Server Reporting Services).**
- Created Front end web applications using **AngularJS.** Used **JavaScript** to validate the user input.
- Created web services using C# and ASP.NET and **SQL Server 2014.**
- Developed **RESTful APIs** to facilitate communication between client-side applications and backend services.
- Created Use Cases, class diagrams and Sequence diagrams with the help of **MS Visio** by understanding client requirements.
- Conducted **Nunit testing** and **integration testing** to ensure the quality and functionality of the developed features.
- Utilized **XML** and **XML Schema** for data interchange and configuration settings.
- Involved in working with **AWS Cloud** for application deployment and management.
- Implemented **CI/CD** pipelines to automate the build, test, and deployment processes.

Technologies: C#, ASP.Net MVC, LINQ, JavaScript, CSS, HTML, jQuery, SQL Server 2014, AngularJS, ADO.Net, XML, XML Schema, Crystal Reports, SSRS, RESTful API, MS Visio, AWS Cloud, CI/CD Pipelines

Projects:
