Shivani Reddy Sureddy

+1 (682) 3744457 | shivanireddy1105@gmail.com | GitHub | LinkedIn

Software Engineer skilled in C#, ASP.NET Core, ASP.NET MVC, Entity Framework, RESTful APIs, and Blazor, with cloud deployment expertise for secure, scalable solutions. Strong collaborator in Agile teams, focused on delivering high-quality, innovative software. Seeking full-time opportunities to drive impactful projects.

SKILLSET

Programming Languages:	C#, Java, Python, C
Web Technologies:	ASP.NET (ASP.NET MVC, ASP.NET Core, ASP.NET Web API), JavaScript, CSS3, HTML4/HTML5, Bootstrap, Blazor, AngularJS, ReactJS
Data Access & Database:	Entity Framework Core, LINQ, SQL Server, MySQL, Oracle 10g (SQL)
Cloud Technologies:	Azure App Services, Azure DevOps
IDE:	Visual Studio 2017/2019/2022, Visual Studio Code, SSMS, Eclipse, Notepad++
SCM & Development Practices:	Git, GitHub, Agile, SOLID principles, Secure Coding Practices, Waterfall

EXPERIENCE

University of Texas at Arlington   **Arlington, TX**
Research Assistant   *Oct 2022 – Dec 2022*
- Experience working with ASP.NET MVC and Entity Framework as ORM Mapping tools for Data Access Layer.
- Supported in the development of internal web application using C#, ASP.NET Core, and Entity Framework Core, contributing to improved user engagement, while following best practices in front-end, middle layer, and data access development.
- Elevated GitHub repository management for 20 lab staff, orchestrating the upkeep and publication of over 15 projects by spearheading a team of 3, markedly improving project visibility and collaboration.
- Diagnosed and resolved system issues, reducing application downtime by 20% through optimized bug troubleshooting.
- Implemented unit tests (NUnit) improving application stability, and reducing bugs by 25%.

Cognizant Technology Solutions   **Chennai, India**
Programmer Analyst Trainee   *Aug 2021 – May 2022*
- Collaborated in an Agile environment, closely aligning with engineers and the Scrum Master during sprint planning, which led to timely solution delivery and a 15% improvement in cross-functional communication and stakeholder engagement.
- Assisted in designing and developing scalable RESTful APIs using C# and ASP.NET Core MVC, resulting in a 25% boost in back-end performance and increased API reliability.
- Enhanced system performance by optimizing MS SQL Server queries for large datasets, reducing query execution times by 30% and improving data processing speeds.
- Customized data workflows and forms using Microsoft Dynamics 365 CRM, improving user interaction by 20% and a significant reduction in error rates.
- Improved backend services by 25%, optimizing performance and scalability through API integration with financial services databases for faster transaction processing.
- Leveraged LINQ to SQL and LINQ to Objects for efficient CRUD operations, improving data handling and query performance across key applications.
- Streamlined the tracking of application metadata across the team using excel spreadsheets.
- Programmed custom plugins for a roadmap application in C#, improving feature delivery speed by 15% and optimizing user story management.

Programmer Analyst Trainee (Intern)   *Feb 2021 – July 2021*
- Implemented secure authentication and authorization in ASP.NET Web APIs using OAuth 2.0, JWT tokens, and role-based access control (RBAC), ensuring proper user access and security.
- Developed interactive user interfaces using Angular and ASP.NET Core Web API, optimizing data retrieval and improving user interaction by 30%.
- Hosted Windows Web APIs, ASP.NET applications in IIS, and created Cloud Instances using Azure for deployment.
- Created Web API controllers in ASP .Net MVC to build and maintain RESTful APIs, consumed APIs client-side using AngularJS data binding.

EPAM Systems   **Hyderabad, India**
Pre-Education Program | Junior Software Engineer   *Jan 2020 – June 2020*
- Engineered clean and maintainable code using C# and Logging, enhancing code quality and reliability in web applications.
- Designed back-end systems using REST architecture, ensuring system stability and reducing maintenance efforts by 15%.
- Involved in configuring web.config file for ASP.Net web forms and the entire Web Application.
- Completed comprehensive training on Git, Object-Oriented Programming (OOP), and Design Principles (SOLID, KISS, YAGNI).

PROJECTS

Bookstore Management System
- Developed a web-based Bookstore Management System using Blazor and ASP.NET Core, improving user interaction with data-driven features.
- Integrated data interactions and CRUD operations with Entity Framework Core and SQLite Server, ensuring seamless data retrieval and management, improving system efficiency by 30%.
- Designed reusable components and optimized navigation, reducing development time by 20%.
- Utilized Dependency Injection (DI) and State Management in Blazor to handle application state effectively across components.

Jewelry Inventory Management
- Designed and developed responsive user interfaces for the application using HTML, CSS, and Bootstrap, improving user experience across devices and reducing page load times by 30%.
- Designed and developed an inventory management system, optimizing backend processes for product tracking and QR-code based checkout, reducing processing time by 50%.
- Participated in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance using Agile methodology and contributed to SRS documentation to ensure smooth project execution.

URM Academic Application
- Participated in peer code reviews enforcing best practices such as component reusability in React and proper separation of concerns, resulting in a 20% acceleration in development while maintaining high code quality.
- Enhanced system responsiveness by 40% through optimized client-side validation utilizing form validation libraries and efficient state management using custom hooks and context.
- Designed Graphical User Interfaces (GUI) using ReactJS with business logic in C# MVC Controllers.

LEADERSHIP AND OPERATIONAL EXPERINCE

Chartwells Higher Education Dining Services (UTA) Arlington, TX
Team Lead & Application Support Supervisor *Jan 2023 – May 2024*
- Led a team of 10 to ensure efficient daily operations, enhancing teamwork and communication.
- Managed inventory systems and resolved technical and operational challenges.

EDUCATION

University of Texas at Arlington Arlington, TX
Master of Science in Computer Science *Aug 2022 - May 2024*