Snehil Kosmetty

Boston, MA | P : (857) 290 1474 | snehild20@gmail.com | linkedin.com/in/snehild1357724 | Portfolio

EDUCATION

New England College **Henniker, NH**
Master of Science in Computer and Information Systems *January 2022-May 2023*

Avanthi Institute of Engineering and Technology **Hyderabad, India**
Bachelor of Technology in ECE *June 2015 – May 2019*

PROFESSIONAL EXPERIENCE

Unisys **Pennsylvania**
.NET Full Stack Developer *June 2023 – Present*

- Designed microservices and MVC applications using .NET Core and Entity Framework, optimizing API performance through refined LINQ queries. Containerized services using Docker and documented APIs with Swagger for easier maintenance.
- Implemented and secured RESTful APIs using Azure API Management, executing automated API tests with Postman to validate performance and data integrity. Developed unit and integration tests using xUnit and NUnit to ensure reliability.
- Developed responsive UIs using React, Angular, and WPF, improving cross-device performance and reducing load times.
- Applied dependency injection , increasing maintainability and reducing service coupling, leading to 20% faster deployments in IIS-hosted applications.
- Automated CI/CD pipelines with Azure DevOps and Kubernetes, deploying containerized applications via Azure Kubernetes Service, shortening deployment time by 40% and reducing manual intervention.
- Led code reviews to enhance maintainability, reducing post-release defects through structured feedback cycles.

Cognerium **India**
.NET Developer *June 2019 – Nov 2021*

- Built single-page applications using Vue.js and Blazor, developing reusable components to streamline development and improve load speeds.
- Optimized SQL Server performance by refining stored procedures and utilizing Azure SQL Database indexing and performance tuning tools, reducing query execution time by 25% and enhancing database efficiency.
- Enhanced data access using Entity Framework, ADO.NET, and Repository Pattern, integrating Azure Cosmos DB for scalable data storage and implementing Kafka and RabbitMQ for event-driven architecture.
- Streamlined deployment pipelines with Jenkins and GitHub Actions, accelerating release cycles by 30%.
- Followed test-driven development (TDD) principles, debugging and resolving test failures early in the development cycle, while integrating Serilog for structured logging and monitoring in distributed systems.
- Constructed responsive UI components using HTML, CSS, Bootstrap, JavaScript, and WebForms ensuring seamless user experience.

PROJECT

E Commerce .NET8.0 – ASP.NET Core, Identity January 2025

- Developed ASP.NET Core MVC .NET 8 and Razor applications, leveraging modern folder structures.
- Integrated ASP.NET Core Identity Framework for authentication and role management, including custom fields for user profiles and Stripe Payment Gateway for secure and efficient payment processing.
- Implemented email notifications using SendGrid API for scenarios like user registration, password reset, and order confirmations.

Role-Based API System - ASP.NET Web APIs, ASP.NET Core, SwaggerUI January 2025

- Engineered a RESTful Web API using ASP.NET Core and .NET 8, leveraging the Repository Pattern and clean architecture principles for efficient CRUD operations.
- Secured authentication and authorization using ASP.NET Core Identity and JWT tokens, enabling robust role based.
- Validated API functionality with AutoMapper for object mapping and adopted asynchronous programming techniques (async/await) to ensure responsiveness and scalability.

Static Web Application Project - HTML, CSS, JavaScript December 2024

- Developed and deployed a static web application using .NET 8.0, HTML, CSS, and JavaScript.
- Organized the project structure with a wwwroot folder containing subdirectories for CSS, JavaScript, and images.
- Published the application to GitHub Pages, ensuring fast, accessible, and lightweight hosting for seamless user experience and optimized the application's performance by minimizing load times.

TECHNICAL SKILLS

Programming: C#, OOPS, LINQ, JavaScript, TypeScript, HTML, CSS, Bootstrap, React, Angular, Razor, Blazor, Vue.js.
.Net Technologies : ASP.NET, ADO.NET, .NET Core, Entity Framework 6.0/5.0, ASP.NET Web API, Microservices, SignalR, IdentityServer.
Web Forms: Web Forms, MVC-based development, Crystal Reports, Data models, WCF, WPF.
Cloud: AWS, GCP, Azure (Data Factory, Azure Functions, API Management Services, Azure DevOps, Application Insights).
API Development and Testing: RESTful APIs, Swagger, Postman, API Documentation, OpenAPI Specification.
Databases: SQL Server, T-SQL, MySQL, NoSQL, MongoDB, Dapper, SSIS, SSRS.
DevOps: Docker, Kubernetes, Jenkins, DevOps Practices, CI/CD pipelines.
Project Management: Jira, Agile Methodology, Scrum, SDLC, Git, GitHub, IIS.
Soft Skills: Communication Skills, Collaborative, Problem-solving, Teamwork, Analytical Thinking, Leadership.