

SOFIYA BAGODIYA

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SUMMARY

- Software Engineer with 1.5 years of experience in enterprise application development, scalable backend architectures, and system optimization using C# and .NET Core.
- Designed and developed RESTful APIs, optimized backend performance and implemented concurrent processing for high-performance applications.
- Proficient in Azure cloud services, including Azure Functions, and App Services for secure and scalable deployments.
- Experienced in Agile methodologies, effectively collaborating with cross-functional teams, demonstrating strong communication, problem-solving, and adaptability to deliver software solutions aligned with business goals.

EXPERIENCE

Voto Consulting LLC, NJ, USA – Software Developer

Oct 2023 - Present

- Designed and developed scalable RESTful APIs using C#, .NET Core, and ASP.NET Web API, ensuring high performance and reliability.
- Implemented multi-threading and optimized concurrency, improving system performance by 30% in high-load environments.
- Optimized backend query execution, reducing API response times by 40% through indexing, caching, and parallel processing techniques.
- Developed and optimized database queries using Entity Framework Core and Dapper, enhancing efficiency through indexing, caching, and query tuning.
- Developed Azure Functions and App Services to build serverless applications, improving cost efficiency and scalability.
- Configured and automated CI/CD pipelines with Azure DevOps, streamlining build, test, and deployment processes.
- Developed unit and integration tests using xUnit, increasing test coverage from 50% to 85%.
- Integrated Azure Active Directory (AAD) and OAuth 2.0 for authentication and authorization, ensuring secure access control.
- Conducted thorough code reviews, enforcing best practices in performance optimization, security compliance, and maintainability.

EDUCATION

Master of Science in Computer Science | University of Georgia, Athens, Georgia | GPA: 3.7/4.0 | (Aug 2021 – Aug 2023)

Bachelor of Computer Science and Engineering | IPS Academy, Indore, India | CGPA: 8.4/10.0 | (Aug 2017 - May 2021)

SKILLS

- **Methodologies:** SDLC, Agile, Scrum, Test-Driven Development (TDD), BDD
- **Programming Languages:** C#, JavaScript
- **Web and Frontend Technologies:** HTML, CSS, TypeScript, React.js, Bootstrap
- **Backend and Frameworks:** .NET Core, ASP.NET, Entity Framework, Node.js
- **C# and .NET Technologies:** ASP.NET MVC, .NET Core, Entity Framework, LINQ
- **Version Control & Collaboration:** Git, GitHub, JIRA, Confluence, Bitbucket
- **Databases:** SQL (Microsoft SQL Server, MySQL, PostgreSQL), Azure Cosmos DB
- **Cloud and DevOps:** Azure (App Services, Functions, DevOps), Docker, Kubernetes

PROJECT

Warehouse Management System

- Developed a Warehouse Management System with C# (.NET Core, ASP.NET Web API) to streamline inventory management, order processing, and stock reporting.
- Implemented SQL Server for efficient data storage and used Azure Functions for real-time updates across warehouse locations.
- Created a responsive frontend with React.js and deployed the system on Azure App Services and for enhanced scalability and performance.

Hospital Management System

- Built a Hospital Management System to automate patient record management, appointment scheduling, and billing using C# (.NET Core, ASP.NET MVC) and Entity Framework.
- Managed secure authentication with ASP.NET Identity and JWT and leveraged SQL Server for efficient data handling.