

Akhila Samala

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SUMMARY

Detail-oriented and results-driven **Full Stack .NET Developer with over 3 years of experience** designing, developing, and deploying scalable web applications across finance and IT domains. Proficient in building enterprise-grade solutions using .NET Core/ASP.NET, C#, Angular, React, SQL Server, and modern DevOps practices. Adept at developing RESTful APIs, optimizing database performance, and implementing CI/CD pipelines with Azure DevOps and GitHub Actions. Strong background in Agile methodologies, microservices architecture, cloud-native development on Azure, and AWS, and collaborative, cross-functional delivery. Proven success in enhancing application reliability, accelerating feature delivery, and solving complex technical challenges in regulated environments.

SKILLS

- **Programming languages and frameworks:** C#, .NET Core, .NET Framework, ASP.NET MVC, Web API, Entity Framework, LINQ, Razor, Blazor
- **Frontend technologies:** Angular (v2+ to v14+), React.js, JavaScript, TypeScript, HTML5, CSS3, Bootstrap, jQuery
- **Databases and data tools:** Microsoft SQL Server, T-SQL, stored procedures, SSRS, SSIS, MongoDB (optional)
- **Cloud and DevOps:** Azure, AWS (S3, Lambda, RDS, SQS, Batch), Docker, Kubernetes, CI/CD, Git, Azure DevOps, TFS
- **Tools and platforms:** Visual Studio 2022, GitHub, Bitbucket, Postman, Swagger, Fiddler, Jira, Confluence
- **Architecture and design:** RESTful APIs, microservices, MVC, design patterns (repository, singleton), clean code principles, SOLID
- **Testing and quality:** NUnit, xUnit, Selenium, Postman, test-driven development (TDD), mocking frameworks
- **Methodologies:** Agile, Scrum, SDLC, DevOps, Continuous Integration/Deployment, Code Reviews
- **Core competencies:** analytical thinking, problem solving, strong communication, team collaboration, agile adaptability, self-motivation, mentorship, code quality ownership

EXPERIENCE

Full Stack .NET Developer, Teledyne Technologies Inc.,

May 2024- Current

- Architected and deployed cloud-native web applications using .NET 8, Blazor, and EF Core, with PostgreSQL in a microservices environment.
- Leveraged React.js and Material-UI to create responsive, accessible interfaces for enterprise IT service portals.
- Integrated Docker containers and GitHub Actions to automate scalable CI/CD processes, enhancing deployment predictability.
- Developed and consumed OpenAPI/Swagger-based REST APIs, ensuring service interoperability, and reducing onboarding time.
- Delivered three major product releases on schedule by leading agile sprint execution and coordinating QA efforts.
- Refactored the monolithic application into modular services, enabling independent scalability, and minimizing rollback incidents.

Software Developer, Sundaram Finance,

Nov 2020- Nov 2022

- Developed and maintained enterprise banking modules with ASP.NET Core, Entity Framework, and SQL Server to support account management and transaction workflows.
- Built reusable and secure front-end components with Angular 10+, TypeScript, and Bootstrap, improving online customer portal performance.
- Implemented RESTful APIs for payment processing and customer authentication, simplifying integration for third-party financial platforms.
- Utilized Azure DevOps for version control, CI/CD automation, and deployment pipelines to enhance release cycles in a regulated environment.
- Resolved over 600 logged issues through root cause analysis and hotfix deployment, ensuring stable application uptime.
- Rebuilt legacy SQL queries and optimized stored procedures to reduce report generation time, enhancing financial dashboard efficiency for compliance teams.

EDUCATION AND TRAINING

- **Master of Science in Computer And Information Sciences**
Saint Leo University
- **Bachelor of Science in Computer Science**
Sphoorthy Engineering College