SYED MOHAMED

SENIOR FULL STACK .NET DEVELOPER | TECHNICAL LEAD | AZURE & AI INTEGRATION

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PROFESSIONAL SUMMARY

Senior Full Stack .NET Developer / Technical Lead with 15+ years of experience designing, developing, modernizing, and supporting enterprise applications across banking, pension, and business application domains. Strong expertise in C#, ASP.NET Core, RESTful Web APIs, Entity Framework Core, SQL Server, Angular, and Azure DevOps. Hands-on project exposure to Azure-based AI/RAG concepts, including Azure AI Search and embedding-based document retrieval. Experienced in technical leadership, solution design, secure API development, CI/CD, production troubleshooting, performance optimization, and Agile delivery.

CORE COMPETENCIES

- Full-Stack Application Development
- Angular, TypeScript & Responsive Web UI
- Azure Services & Cloud Application Delivery
- Authentication, Authorization & Secure API Design
- Clean Architecture, SOLID & Design Patterns
- Agile/Scrum, Stakeholder Collaboration & Production Support
- C#, .NET, ASP.NET Core & REST APIs
- SQL Server, EF Core & Query Optimization
- Azure AI Search, Embeddings & RAG Project Exposure
- Azure DevOps, GitHub & CI/CD
- Technical Leadership, Mentoring & Code Reviews

TECHNICAL SKILLS

Backend	Visual Basic (VB), C#, .NET, ASP.NET Core, ASP.NET MVC, Web API, LINQ, Entity Framework Core
Frontend	Angular, TypeScript, JavaScript (ES6+), HTML5, CSS3, Bootstrap, jQuery, standalone components, routing, reactive forms, HttpClient, RxJS, interceptors, route guards
Database	Microsoft SQL Server, stored procedures, views, functions, schema design, query and performance tuning
API & Security	RESTful APIs, JWT authentication, authorization, CORS, API integration, role-based access control
Azure & AI	Azure App Service, Azure Functions, Azure SQL, Azure Storage, Azure Key Vault, Azure Service Bus; Azure AI Search, embeddings and RAG hands-on project exposure
DevOps & Architecture	Azure DevOps, Git, GitHub Actions, CI/CD pipelines, Clean Architecture, microservices concepts, SOLID, dependency injection, Repository Pattern
Delivery	Agile/Scrum, requirements analysis, stakeholder collaboration, code reviews, debugging, production support, performance optimization

PROFESSIONAL EXPERIENCE

TECHNICAL LEAD | SAGITECH SOLUTIONS | CHENNAI, INDIA | *Oct 2018 – Jan 2026*

- Led an 8-member development team delivering enterprise applications using C#, ASP.NET Core, Web API, and SQL Server.
- Designed and developed full-stack applications with Angular frontends and ASP.NET Core Web API backends.
- Built reusable Angular standalone components and implemented routing, lazy loading, reactive forms, HttpClient, interceptors, and route guards.
- Worked with product owners, business analysts, and QA teams to clarify requirements and deliver solutions using Agile/Scrum.
- Implemented Azure DevOps CI/CD pipelines, reducing manual deployment effort by approximately 60% and improving release consistency.
- Led code reviews, mentoring, technical interviews, solution design, and technical risk mitigation.
- Managed production releases and support; performed root-cause analysis and performance optimization for business-critical applications.
- Maintained technical documentation, deployment guides, and support documentation.

SENIOR CONSULTANT | VIRTUSA POLARIS | CHENNAI, INDIA | *Feb 2014 – Sep 2018*

- Led an 8-member team on a Citibank India banking application modernization project, migrating legacy modules from Java to .NET.
- Managed the development lifecycle from requirements analysis and solution design through development, testing, and deployment.
- Re-engineered Java-based modules into ASP.NET applications and integrated them with existing databases and services.
- Worked with business analysts and stakeholders to preserve functional parity and support regulatory requirements.
- Supported unit, integration, and user acceptance testing; guided code reviews, task allocation, and sprint planning.

SENIOR SOFTWARE ENGINEER | GMS SOFTWARE SOLUTIONS (CONTRACT TO VIRTUSA POLARIS) | BANGALORE, INDIA | *Jun 2013 – Feb 2014*

- Joined the banking modernization project as a contract engineer and transitioned to a permanent Virtusa Polaris role in February 2014.

PROJECT MANAGER / SENIOR SOFTWARE ENGINEER | WALLCLIFFS SYSTEMS (FORMERLY WALGREENS SYSTEMS) | *Sep 2010 – Jun 2013*

- Worked with Visual Basic (VB) during the first year (Sep 2010 – Sep 2011), developing and maintaining business applications.
- Promoted from Senior Software Engineer to Project Manager in September 2011 and transitioned to ASP.NET and C# development.
- Contributed to front-end and back-end development using ASP.NET, C#, JavaScript, HTML, CSS, and SQL Server.
- Designed SQL Server schemas, queries, and stored procedures; implemented authentication and role-based access for administrators, agents, and customers.
- Delivered property search filters, image galleries, booking forms, and automated email notifications.

SENIOR SOFTWARE ENGINEER | MACSIT.COM | ERODE, INDIA | *Jan 2007 – Aug 2010*

- Developed and maintained business software applications using Visual Basic (VB) and Microsoft SQL Server. Worked on requirement clarification, application enhancements, debugging, and implementation of business requirements.

SELECTED PROJECTS

Azure AI Search / RAG Document Q&A – Hands-on Project

- Configured a retrieval-augmented generation workflow for querying document content through Azure AI Search.
- Worked with document chunks, search results, and the text-embedding-3-small embedding model to support semantic retrieval.
- Explored the end-to-end flow of document ingestion, indexing, retrieval, and AI-assisted answers.

Pension Administration Platform

- Led modernization of pension administration modules and designed RESTful APIs using ASP.NET Core and SQL Server.
- Supported solution design, code reviews, production-release planning, CI/CD implementation, and production support.
- Technologies: C#, ASP.NET Core, Web API, EF Core, SQL Server, Azure DevOps.

EDUCATION

- Master of Science (M.Sc.) in Computer Science | Jamal Mohamed College, Tiruchirappalli, Tamil Nadu
- Bachelor of Science (B.Sc.) | Erode Arts College, Erode, Tamil Nadu