# SHITALAPRASAD YADAV

**Technical Lead | .NET Core · C# · Angular · Microservices · SQL**

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## PROFESSIONAL SUMMARY

Senior Software Engineer and Technical Lead with 9+ years of professional experience designing, building and deploying enterprise-grade web applications across airline, banking, insurance, government and e-commerce domains. Specializes in .NET Core, C#, ASP.NET MVC, microservices and Angular, backed by deep SQL Server expertise. Currently Technical Lead at Qatar Airways, owning architecture direction, code quality, observability and delivery. Proven record of architecting scalable RESTful APIs, deploying on Azure and AWS, and integrating complex systems (IBM MQ, Solace, SharePoint, Microsoft Graph, Amadeus GDS, OpenAI) — improving application performance by 20–40% and boosting transaction throughput by 35% while leading Agile teams to on-time delivery.

## CORE SKILLS

**Back End:** C#, .NET Core 6/7/8, ASP.NET MVC 5, ASP.NET Web API, microservices, API Gateway, Entity Framework Core, LINQ, ABP Framework, Microsoft Graph, WCF, SOAP, SignalR, WebSocket

**Front End:** Angular 16/17, AngularJS, ReactJS, TypeScript, JavaScript, jQuery, Bootstrap 4/5, Material Design, HTML5, CSS3, responsive UI

**Data and Caching:** SQL Server 2016–2022 (T-SQL, stored procedures, indexing, query tuning), Oracle 12c, MySQL, SSIS, SSRS, Redis

**Messaging and Integration:** IBM MQ, RabbitMQ, Solace, Webhooks, REST, SOAP, SharePoint, Amadeus GDS, third-party API integration

**Cloud and DevOps:** Azure (App Services, SQL, Blob), AWS (EC2, S3, RDS), Docker, OpenShift, CI/CD (Azure DevOps), Git/GitHub

**Observability:** Dynatrace, ELK Stack (Elasticsearch, Logstash, Kibana), logging, monitoring, alerting, root-cause analysis

**Architecture:** Microservices, Orchestrator pattern, event-driven design, monolithic, SOLID principles, design patterns

**Testing and Quality:** NUnit, xUnit, MSTest, integration testing, Postman, SonarQube, TDD

**AI:** OpenAI API integration, Generative AI

**Practices:** Agile / Scrum, SDLC, OOP, code review, mentoring

## PROFESSIONAL EXPERIENCE

**Technical Lead** **Jun 2026 - Present**

*Qatar Airways, Ahmedabad, India*

- Lead design and delivery of enterprise airline applications using .NET Core, C#, microservices, Angular and SQL Server, owning the technical roadmap from requirements through production release.
- Define service architecture and apply the Orchestrator pattern to coordinate multi-service workflows, with scalability, resilience and maintainability built into each design.
- Design and implement event-driven messaging on Solace (publish/subscribe topics and guaranteed-delivery queues) to decouple microservices and enable reliable, asynchronous communication between airline systems.
- Integrate IBM MQ, Microsoft Graph APIs and webhooks (event-driven callbacks and change notifications) with the .NET Core services, keeping data flows consistent and reliable across distributed components.
- Own application observability with Dynatrace and the ELK Stack: monitoring, log analysis, alerting and root-cause analysis of production issues.
- Run code and design reviews, enforce quality standards (SonarQube, unit and integration testing) and mentor developers across the team.
- Partner with business and operations stakeholders on estimation, sprint planning and Agile delivery, translating airline requirements into scalable solutions.

**Associate Consultant** **Feb 2025 - May 2026**

*LTIMindtree Ltd, Doha, Qatar*

- Led development of enterprise applications on .NET Core and a microservices architecture, owning design through deployment for a cross-functional Agile delivery team.
- Drove engineering standards across code quality, security and performance, establishing review practices and CI/CD discipline to reduce production defects and speed up releases.
- Partnered with business stakeholders to translate requirements into scalable technical solutions delivered on schedule.

**Senior Software Developer** **Feb 2024 - Feb 2025**

*IRISSTAR Technologies LLC, Doha, Qatar*

- Led development of airline ticketing and cargo platforms in .NET Core for Qatar Airways, boosting transaction throughput by 35%.
- Architected a microservices-based system that improved scalability and maintainability across distributed services.
- Integrated IBM MQ for reliable asynchronous message queuing across distributed systems, eliminating data loss during peak load.
- Built SharePoint integrations to automate document management and approval workflows.
- Engineered an optimized Entity Framework data-access layer, reducing query latency by 20%.
- Implemented GenAI / OpenAI solutions to automate operational tasks and improve customer-service response quality.

**Full Stack Developer** **Aug 2022 - Oct 2023**

*Blue Logic Digital, Dubai, UAE*

- Built and integrated the ADNOC OptiOil platform using .NET and Angular, delivering a responsive enterprise web application.
- Integrated FaceTec biometric authentication for FAB Bank, cutting fraud incidents by 40%.
- Developed the Property & Accidental Claims module for Dubai Police, streamlining claim intake and processing.
- Delivered responsive front ends with Angular, JavaScript and Bootstrap across multiple government and enterprise clients.

**Senior Software Developer** **Nov 2020 - Aug 2022**

*IDM Technologies, Dubai, UAE*

- Developed end-to-end insurance applications (policy management, claims processing, customer service) using ASP.NET MVC, C# and SQL Server, supporting 10,000+ active policies.
- Built real-time Angular dashboards with charting libraries, giving business users live operational visibility.
- Developed Windows Services for automated batch processing and scheduled jobs, removing manual daily tasks.

**Senior Software Developer** **Jul 2018 - Nov 2020**

*Technical Bazaar Solutions Pvt Ltd, Mumbai, India*

- Built e-commerce and financial applications (.NET, MVC, SQL Server) with SignalR real-time features, supporting platforms generating $2M+ in monthly revenue.
- Created responsive UI components with AngularJS, JavaScript and jQuery, and optimized database schemas for high-traffic workloads.
- Deployed applications to AWS and Google Cloud with automated CI/CD pipelines in Azure DevOps.

**Sales & Service Coordinator** **Nov 2017 - Jun 2018**

*Bonafide HVAC Solutions, Mumbai, India*

- Streamlined CRM processes, reducing ticket-resolution time by 25% and raising client-satisfaction scores.

## KEY ACHIEVEMENTS AND DOMAIN EXPERTISE

- Delivered 15+ enterprise applications across airline, banking, insurance, government and e-commerce domains.
- Airline: Qatar Airways ticketing, cargo and operations management with Amadeus GDS integration. Banking: FAB Bank biometric authentication (40% fraud reduction).
- Insurance: Union Insurance claims platform with AI-powered fraud detection (10,000+ policies). Government: Dubai Municipality revenue system (AED 50M+) and Dubai Police claims module.

## CERTIFICATIONS

Generative AI Certification, Techademy

## EDUCATION

**Bachelor of Engineering**, University of Mumbai (Distinction, CGPA 8.1 / 10) 2013 - 2017

**Languages:** English (Fluent), Hindi (Native) **Nationality:** Indian