

Deep Patel

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SENIOR CONSULTANT — FULL STACK DEVELOPER

Full Stack Developer with **6+ years of experience** in **.NET / .NET Core, Azure, SQL Server, Angular, React, and Microservices**. Currently a Senior Consultant at Capgemini – **promoted within 18 months** – working backend-heavy on a US healthcare Prior Authorization platform: APIs, databases, Azure cloud services, CI/CD pipelines, data migration, and environment seeding. Expertise in requirement analysis, design, development, testing, maintenance, and production support of business applications. **AZ-204 certified** and **patent co-inventor**.

TECHNICAL SKILLS

Languages	: C# .NET 10 / .NET 8 TypeScript JavaScript SQL HTML5 CSS3
Backend	: ASP.NET Core Web API Clean Architecture CQRS Microservices Event-Driven Architecture Entity Framework Core FluentValidation AutoMapper API Versioning Health Checks Repository & Unit of Work
Cloud	: Azure Functions (Isolated Worker) Azure Service Bus Event Hubs Event Grid Azure APIM App Service Redis Cache Key Vault Managed Identity App Configuration Data Factory Azure SQL CosmosDB AKS Logic Apps Azure Storage
Security	: OAuth 2.0 / OpenID Connect JWT PBAC / Fine-Grained Authorization Azure Key Vault Data Encryption
Testing	: TDD NUnit Moq AutoFixture FluentAssertions WireMock.Net Integration Testing Selenium
DevOps	: Azure DevOps CI/CD (YAML) Docker Git Multi-Environment Releases (Dev/QA/UAT/Prod)
Observability	: OpenTelemetry Azure Application Insights Distributed Tracing Correlation IDs
AI / Emerging	: Multi-Agent Pipelines LLM Integration (Azure OpenAI) RAG Patterns
Frontend	: Angular 8–16 TypeScript React (API integration) Knockout.js Bootstrap jQuery
Databases	: SQL Server Azure SQL CosmosDB MongoDB PostgreSQL
Dev Tools	: Visual Studio VS Code Git Postman SSMS JIRA Confluence Bitbucket

EXPERIENCE

Capgemini, India	Aug 2024 – Present
Healthcare – Prior Authorization Platform	Gandhinagar (GIFT City), India
Senior Consultant / Senior Professional-I (Promoted)	Apr 2026 – Present
- Promoted after 18 months of consistent delivery on a flagship US healthcare engagement; now leading backend architecture and technical strategy across a multi-team delivery. - Driving technical decision-making on event-driven patterns, caching strategy, and scalability for high-compliance healthcare workloads. - Led the .NET 8 → .NET 10 platform upgrade with EF Core 10 migration across 8+ projects, keeping the platform on the latest LTS with performance gains. - Delivering enhancements and framework upgrades across a 13-repository healthcare ecosystem – patient mobile APIs, clinician portal, notification services (SendGrid, Twilio, Azure Notification Hubs), and event-driven listeners on Event Hubs / Event Grid. - Acting as technical point-of-contact for architecture, performance, and delivery discussions with US client stakeholders. - Mentoring developers on Clean Architecture, SOLID principles, and production-grade CI/CD practices; reviewing technical designs, pull requests, and integration flows to maintain engineering quality.	
Consultant / Professional-II	Aug 2024 – Apr 2026
- Architected and built the Prior Authorization platform from the ground up – 40+ production REST APIs across core Prior Auth and PBAC services on .NET 8 + Clean Architecture with clear domain, application, and infrastructure layering. - Optimized backend performance by redesigning queries and reducing request volume from 16K to 3K calls (81% reduction); applied Azure Redis Cache on hot paths for reference data and permission lookups. - Designed async workflows using Azure Service Bus to decouple authorization flows from synchronous APIs, improving resilience and throughput. - Implemented a Policy-Based Access Control (PBAC) service from scratch for fine-grained authorization across roles, actions, and resources – critical for healthcare-grade compliance. - Standardized services on the Azure Functions .NET isolated worker model with OpenAPI documentation and health-check probes (Key Vault, Service Bus, SQL, Redis, CosmosDB) for production readiness. - Collaborated closely with the React front-end – designed API contracts, integrated and debugged UI–backend flows, and supported the UI team on data and authentication integration. - Led the .NET 6 to .NET 8 upgrade with EF Core migration, delivering performance gains and long-term support alignment. - Instrumented the platform with OpenTelemetry and Azure Application Insights – distributed tracing, correlation IDs across services, and production diagnostics dashboards. - Exposed backend APIs through Azure APIM with rate limiting, subscription keys, and a developer portal; designed an APIM proxy POC that resolved client-side AdBlocker failures in production. - Built Azure Data Factory (ADF) pipelines for data migration and environment seeding, significantly reducing manual QA setup per sprint.	

- Owned **multi-environment CI/CD pipelines** on Azure DevOps – builds, automated tests, release approvals, and deployment orchestration across **Dev / QA / UAT / Prod**; authored **YAML build and release pipelines** with validation gates.
- Implemented **TDD using NUnit and Moq**, Clean Architecture patterns, and maintained **LLD documentation, API contracts, and integration flow docs** for cross-team alignment.

Cognizant Technology Solutions

Jul 2020 – Aug 2024

Software Engineer (Trainee → Jr. SE → SE) – Insurance Domain

Pune, India

- Grew through **3 levels in 4 years**; delivered features across multiple insurance-domain applications using **Angular 9+, React.js, ASP.NET MVC, .NET Core, Azure, SQL Server, MongoDB**.
- Built RESTful APIs using **.NET Core Web API** and deployed behind **Azure APIM** in a microservices architecture with **CI/CD** via Azure DevOps.
- Configured **Azure Service Bus** queues for asynchronous, event-driven communication between distributed system components.
- Successfully **migrated 1M+ records** across database servers with **zero data loss**; implemented new stored procedures, tables, synonyms, and indexes.
- Improved **application performance by 20%** through query optimization, codebase refactoring, and frontend bundle reduction.
- Collaborated with a team of **15+ developers** in Agile sprints; prepared high-level architecture documentation and participated in design reviews.
- Worked with **SSIS for ETL** processes and integrated third-party APIs to extend platform functionality.

EDUCATION

Institute Of Technology, Nirma University

B.Tech in Instrumentation and Control (Minor: Computer Science) | CGPA: 8.19 / 10

Ahmedabad, Gujarat

Aug 2016 – May 2020

CERTIFICATIONS & ACHIEVEMENTS

- AZ-204** – Microsoft Certified: Azure Developer Associate.
- AZ-900** – Microsoft Certified: Azure Fundamentals.
- SAFe 6.0 Practitioner** Certified.
- Patent Co-Inventor** – “A Medication Inspection and Packaging Device” (Tablet Inspection & Packaging using ML, DNN, and Industrial IoT).
- Recognized for consistent high-impact delivery with **2× WOW Awards (2024, 2025)** at Capgemini.
- Capgemini L0 Aspiring Architect** – nominated for architecture fast-track.
- Accredited as **ADM Junior Engineer – FSE1 Digital Honors Program** (Oct 2022); completed **ADM BootUp Warrior Foundation Program** (July 2021).
- Led a team of **18+ members** as Team Leader at the Mitsubishi Electric Cup 2020 – secured **Gold Cup** at National Level (worth INR 1,00,000).

PROJECTS

StoryForge AI – Capgemini GEC AI Hackathon 2026

Azure OpenAI, .NET, Azure DevOps APIs

- Multi-agent pipeline converting meeting transcripts into Azure DevOps work items with INVEST-scored user stories; built end-to-end with LLM orchestration and a live pipeline tracker UI.

DeskFlow – Helpdesk Ticketing Platform

.NET 8, Clean Architecture, CQRS, EF Core, Angular

- Full-stack helpdesk platform built with .NET 8 Clean Architecture, CQRS-lite, EF Core code-first, and Angular Signals consuming live HTTP data.

Music App (Spotify Clone)

Angular 16, TypeScript, CSS, Git

[Source Code](#)

- Developed a full Spotify UI clone using Angular 16 with component-driven architecture and dynamic playlist rendering.