

DINESH MAHENDERKAR

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PROFESSIONAL SUMMARY

High-performing **Senior .NET Full Stack Developer & AI Integration Engineer** with **9+ years of experience** designing, developing, and scaling enterprise web applications and microservices. Proven track record of engineering ownership, including driving Agile delivery, leading client requirement analysis, and managing high-stakes production environments. Expert at building responsive UIs with Angular and Blazor, optimizing complex SQL backend engines, and pioneering the use of GenAI engineering workflows to accelerate software delivery cycles and maximize code quality.

- **Enterprise .NET Specialist:** 9+ years of experience building scalable microservices, REST APIs, and responsive full-stack applications using .NET Core, Azure, and Angular.
- **AI-Driven Velocity:** Expert at using GenAI engineering tools (Cursor, Claude Code, GitHub Copilot) to accelerate refactoring, debugging, and code delivery cycles.
- **Production Ownership:** Proven track record managing critical P1/P2 production incidents, authoring RCAs via ServiceNow, and ensuring high application availability.
- **Agile Leadership:** Skilled in leading technical requirement analysis, mentoring junior developers, and conducting code reviews to maintain high-quality code standards.

TECHNICAL SKILLS

- **AI-Assisted Development:** GitHub Copilot, ChatGPT, Cursor, Antigravity, Claude Code, Semantic Kernel / AI Chat workflows.
- **Languages & Runtime:** C#, .NET 8.0 / 9.0, .NET Core (3.1–7.0), .NET Framework 4.x, LINQ, Async/Await, Multi-threading, Task Parallel Library (TPL).
- **Architecture & Design:** Microservices, Monolithic, Clean Architecture, CQRS, Event driven, Domain-Driven Design (DDD), Service-Oriented Architecture (SOA), OOP, SOLID Principles., SDLC
- **Backend & APIs:** ASP.NET Core Web API, Minimal APIs, ASP.NET Core MVC, Graph API, RESTful APIs, Web Hooks (Receiver/Sender), Middleware pipelines, SOAP, JSON
- **Cloud:** Microsoft Azure (App Services, Functions, API Management (APIM), Azure Identity, Service Bus, Logic Apps, Key Vault, Blob Storage)
- **DevOps & Deployment Execution:** Azure DevOps, TFS, Bitbucket, GitLab, Git, CI/CD Automation (Azure Pipelines, GitHub Actions), Containerization (Docker), Deployment Strategies (Blue-Green, Canary, Rolling Updates)
- **Data & Caching:** SQL Server, Azure SQL, MongoDB (Atlas), PostgreSQL, Dapper, Entity Framework Core (EF Core), Repository & Unit of Work (UOW) Patterns.
- **Authentication & Security:** JWT, Cookie Authentication, OAuth 2.0, Auth0, Okta, PingFederate, Azure AD, Microsoft Identity.
- **Frontend UI:** Angular 15, Blazor, HTML5, CSS3, JavaScript, TypeScript, jQuery, Bootstrap.
- **Testing & Quality:** xUnit, MSTest, Test-Driven Development (TDD), SonarQube, ReSharper, Swagger, Postman.
- **Methodologies & ITSM:** Agile/Scrum, Jira, Confluence, ServiceNow, Incident Management (P1/P2), Root Cause Analysis (RCA), Technical Problem Solving.

- **Third-Party Integrations:** Zeus, Razor Pay, PayPal, Avalara Tax API, LexisNexis, UPS, FedEx, 8x8 Live Chat API.
- **Others:** IIS, Kestrel, PowerShell, WSL, FTP, SharePoint, Task Scheduler Jobs, Hangfire, Cron jobs

WORK EXPERIENCE

Senior Specialist – .NET Full Stack Developer

LTM, Hyderabad | June 2022 – Present

- **System Architecture & Delivery:** Architected and deployed scalable cloud web applications using ASP.NET Core, and Azure App Services across global geographies.
- **E-Commerce & Logistics:** Integrated third-party processing mechanisms including payment gateways (PayPal) and automated shipping/logistics carriers (UPS, FedEx).
- **Production & Incident Management:** Spearheaded the resolution of critical P1/P2 production incidents via ServiceNow, maintaining minimal system downtime and authoring comprehensive Root Cause Analysis (RCA) documentation for business stakeholders.
- **Leadership & Mentorship:** Mentored junior developers, conducted rigorous code reviews using SonarQube/ReSharper, and managed peer programming sessions to ensure adherence to Microsoft coding standards.
- **Agile Project Governance:** Drove sprint planning, requirement gathering, and backlog refinement using Jira and Confluence, while regularly delivering high-impact feature demos to international clients.
- **AI-Assisted Engineering:** Integrated GitHub Copilot into daily development, optimizing complex refactoring, troubleshooting, and unit test generation workflows.

Application Development Engineer – .NET Developer

Conduent Business Systems, Hyderabad | August 2020 – May 2022

- **Legacy Modernization:** Successfully migrated business-critical monolithic legacy applications to .NET Core web architectures, reducing resource footprints and improving cloud compatibility.
- **E-Commerce & Logistics:** Integrated third-party processing mechanisms including payment gateways (PayPal) and automated shipping/logistics carriers (UPS, FedEx).
- **Database Optimization:** Boosted API response efficiencies and system performance by rewriting and tuning intricate SQL queries, optimizing indexes, and managing data transactional boundaries.
- Developed enterprise applications using ASP.NET MVC, Web API, and SQL Server.
- Integrated third-party APIs for payments and logistics (PayPal, UPS, FedEx).
- Played a key role in enhancing legacy systems by migrating to .NET Core.
- Improved system performance by optimizing SQL queries and minimizing API response times.

Senior Software Engineer

Jarus Technologies, Hyderabad | September 2017 – July 2020

- **Microservices Architecture:** Designed and built independent, maintainable backend microservices utilizing ASP.NET Core and Dapper/Entity Framework for complex insurance domain workflows.
- **Package Management:** Created and managed centralized, reusable NuGet packages for domain data models, enforcing standardization across isolated internal software development teams.
- **Quality Assurance (TDD):** Practiced rigid Test-Driven Development frameworks using xUnit to achieve high code-coverage profiles for sensitive financial service engines.

Software Engineer

SmartOn App Tech, Hyderabad | April 2016 – August 2017

- **Agile Collaboration:** Participated actively in daily Scrum, sprint planning, and backlog refinements using Jira and Kanban; drafted technical documentation and system specification designs.
- **Operations & Support:** Assisted seniors with application configurations, data transformations, and basic feature updates while gaining exposure to enterprise systems.

PROJECTS

Grain Bridge User Maintenance

- **Tech Stack:** .NET Core MVC, Azure AD, Graph API, Azure Key Vault, Azure App Services, Azure DevOps, Azure SQL
- **Contribution:** Handled end-to-end integration of Microsoft Graph API to securely synchronize user identities from Azure AD for vendor contract mapping. Utilized Azure Key Vault for encryption keys and established fallback recovery plans via automated Azure Pipelines.

L-Com (Enterprise E-Commerce Platform)

- **Tech Stack:** NopCommerce, ASP.NET Core, SQL Server, JavaScript, Bootstrap, JWT, 8x8 API, Avalara
- **Contribution:** Programmed specialized custom plugins for a high-traffic B2B e-commerce solution. Embedded Avalara Tax API for real-time localization calculations and 8x8 Live Chat APIs. Implemented robust security measures using JWT token authentication combined with AES data encryption.

Central Mutual Insurance Service Suite

- **Tech Stack:** .NET Core, Web API, Dapper, SQL Server, Microservices, LexisNexis API, xUnit
- **Contribution:** Co-designed an automated auditing microservice connecting to LexisNexis data streams to evaluate historical customer records. Built lightweight, high-performance data abstraction layers via Dapper to process fast query executions.

MediNexus (Healthcare & Pharmacy Microservices Platform) — *Freelance Contract*

- **Tech Stack:** .NET Core Web API, Microservices, CQRS Pattern, Angular, SQL Server, YARP API Gateway, Polly (Resilience), RazorPay API.
- **Contribution:** Architected and engineered a high-throughput pharmacy services ecosystem as the sole individual contributor. Implemented a decentralized microservices pattern, routing all external frontend client requests through a secure YARP API Gateway. Deployed the CQRS pattern to separate data reads and writes, minimizing transactional locking on SQL Server. Programmed application resiliency using Polly circuit-breakers and embedded RazorPay natively for secure payment processing.

Floral Business & Operations Platform — *Freelance Contract*

- **Tech Stack:** .NET Core MVC, Azure Blob Storage, Hangfire, MongoDB, Brevo Email service
- **Contribution:** Engineered an end-to-end B2B scheduling and billing system to automate commercial customer contract lifecycles. Utilized Azure Blob Storage for the storage and extraction of encrypted user agreements and digital signatures. Set up Hangfire background workers to asynchronously compile and deliver automated delivery notes and electronic PDF invoices directly to clients.

EDUCATION

Bachelor of Technology (B.Tech) from JNTUH University, India | 2011–2015