

DIVYESH GOVARDHANAN

Senior Full Stack Software Engineer | Microsoft MVP, Azure PaaS | AI-Powered Platform Engineering

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PROFESSIONAL SUMMARY

Microsoft MVP (Azure PaaS, 2026) and Senior Full Stack Software Engineer with 10 years of system design and engineering experience building distributed, cloud-native platforms in C# (.NET), Angular, and Azure PaaS for Fortune 500 enterprises, Enterprise ISVs, and U.S. Federal Government clients. Skilled in conducting feasibility studies, solution assessments, and gap analyses to evaluate data, identify trends, and deliver actionable insights, with a track record of communicating complex technical concepts clearly to both technical and executive stakeholders. Creator of Velo, an LLM-powered DORA metrics extension on the Azure DevOps Marketplace (Azure AI Foundry, GPT-4o). IEEE Senior Member. Top contributor on Microsoft Q&A with 10,000+ reputation.

TECHNICAL SKILLS

Languages: C#, TypeScript, JavaScript, T-SQL, SQL Server (MSSQL)

Frontend: Angular (v12-v19), HTML, SCSS, Component Architecture, Reactive Forms, RxJS

Backend: ASP.NET Core 9, C# Web API, RESTful APIs, Minimal APIs, Entity Framework Core, LINQ, Azure Functions, Azure Container Apps, Microservices, Event-Driven Architecture, Distributed Systems, System Design, SOLID Principles, Clean Architecture

Cloud / AI: Azure AI Foundry (GPT-4o, LLM Integration, Prompt Engineering, Agents SDK), GitHub Copilot, Azure App Service, Azure SQL Serverless, Azure AD B2C, Entra ID, Microsoft Foundry, IaaS/PaaS

DevOps / IaC: Azure DevOps, YAML Pipelines, Quality Gates, Trunk-Based Development, Bicep, Terraform, Docker, Git, Agile/Scrum, xUnit, Feature Flags, Progressive Delivery, Application Insights, Azure Monitor, DORA Metrics

Security: OWASP, API Security, STIG Compliance, Burp Suite, Secure SDLC, Zero Trust, Azure RBAC, Managed Identity, Vulnerability Remediation

Analytical & Consulting: Feasibility Studies, Solution Assessments, Gap Analysis, Data-Driven Trend Analysis, Stakeholder Communication, Cross-Functional Collaboration

PROFESSIONAL EXPERIENCE

Senior Software Engineer | Cloud Assert (Microsoft Gold Partner / ISV) | Herndon, VA | 2024 to Present

- Sole engineer and technical owner of a classified cloud platform for the U.S. Federal Government, responsible for full-stack architecture (C# ASP.NET Core 9 backend, Angular 19 frontend), codebase stewardship, PR review workflow, and end-to-end CI/CD pipeline management from development through production deployment. Conducted feasibility assessments and solution evaluations with government stakeholders and security reviewers, translating complex technical trade-offs into clear, actionable guidance to align delivery with classified platform requirements.
- Implemented STIG (Security Technical Implementation Guide) compliance across application and infrastructure layers, conducting systematic gap analyses against control baselines to identify and remediate shortfalls, hardening the platform to U.S. Federal Government security requirements with zero critical findings across all compliance checkpoints.
- Applied Zero Trust architecture, Azure RBAC, and Managed Identity for secure service-to-service communication. Conducted ongoing vulnerability remediation using Burp Suite and OWASP-aligned practices, maintaining zero critical vulnerabilities across all release cycles.
- Monitored platform health and performance in production using Application Insights and Azure Monitor, analyzing telemetry data to identify trends and proactively surface actionable insights. Leveraged GitHub Copilot to improve development velocity by 45%, enabling a consistent cadence of 2 production releases per month across the classified codebase.

Technical Team Lead | Cloud Assert | 2020 to 2024

- Took end-to-end ownership of Hybr, a distributed multi-tenant SaaS platform serving ~25 Fortune 500 and Enterprise ISV clients on Azure, processing 50,000+ daily API requests with 99.9% uptime SLA. Led full-stack

system design decisions (C# backend, Angular frontend) covering high availability, reliability, and scalability across cross-functional enterprise deployments.

- Optimized Azure DevOps CI/CD pipelines with YAML and quality gates, cutting deployment cycle time from 4 hours to 2.5 hours (37% reduction) and improving overall deployment efficiency by 25%. Advanced release cadence from monthly to weekly through trunk-based development adoption and Bicep/Terraform IaC automation.
- Led API and database-layer profiling through C# query optimization, index tuning, and async pipeline refactoring, identifying performance bottleneck trends and reducing average API response time from 5 seconds to 800ms (84% improvement) across high-traffic enterprise endpoints.
- Scaled automated test coverage to 80%+, reducing escaped production defects by 80 bugs per release cycle through structured CI validation, test automation, and release gating.
- Mentored and led a team of 8 engineers (6 developers, 2 QA) on distributed systems design, C# code quality, and Angular component architecture, fostering strong interpersonal collaboration across the team. Established code review standards, contributed to technical interview design resulting in 6 successful engineering hires, and served as technical lead across 20+ Fortune 500 client demos and enterprise engagement sessions, articulating complex architectural concepts to both technical and executive stakeholders.

Full Stack Engineer | Cloud Assert | 2016 to 2020

- Architected and delivered v1 of Hybr, a multi-tenant SaaS platform enabling enterprise clients to manage and resell Azure subscriptions and on-premises datacenter resources through a unified interface. Established the full-stack foundation in C# (ASP.NET Core) and Angular that underpinned the product through multiple subsequent versions.
- Built the Angular frontend layer from the ground up, including role-based UI, dynamic subscription dashboards, and real-time resource monitoring views, enabling self-service management for enterprise end-users across multiple tenants.
- Designed the Entity Framework Core data access layer and SQL Server schema for multi-tenant data isolation, establishing the database architecture patterns and SOLID design principles that the platform continued to rely on through subsequent major versions.

OPEN SOURCE, COMMUNITY, AND RECOGNITION

- **Velo — Azure DevOps Marketplace Extension:** Creator of a production LLM-powered DORA metrics extension (github.com/divyeshg94/velo) built on C# (ASP.NET Core 9), Angular 19, Azure Container Apps, Azure SQL Serverless, and Azure AI Foundry (GPT-4o). Ingest real-time webhook events from Azure DevOps pipelines and computes Deployment Frequency, Lead Time, Change Failure Rate, MTTR, and Rework Rate with contextual AI analysis.
- **Microsoft MVP, Azure PaaS (2026):** Awarded by Microsoft for outstanding technical community contributions in Azure platform engineering and developer tooling.
- **Microsoft Q&A:** Top contributor with 10,000+ reputation and 378+ threads answered across Azure DevOps, Azure AI, Azure PaaS, and Entra ID.
- **Technical author:** Founder of "Microsoft Azure in Practice" on Medium with 30+ published articles on Azure AI Foundry, DORA metrics, and .NET engineering. Approved author on Level Up Coding (GitConnected), a publication with 1M+ monthly readers.
- **IEEE Senior Member:** Peer-nominated grade awarded to fewer than 10% of IEEE members, requiring 10+ years of significant engineering practice and demonstrated impact to the profession.

CERTIFICATIONS

- **Microsoft Certified: Azure DevOps Engineer Expert (AZ-400)** ID: C86253-17E3M1 | Earned: May 2021 | Active
- **Microsoft Certified: Azure Developer Associate (AZ-204)** ID: 8CB3A4-E24EE2 | Earned: March 2021 | Active
- **Microsoft Certified: Azure AI Engineer Associate (AI-102)** ID: D9B86E-3B6E25 | Earned: June 2025 | Active
- **CompTIA Security+ ce** ID: COMP001022588975 | Earned: July 2024 | Active

EDUCATION

B.E., Electronics and Communication Engineering | Coimbatore Institute of Technology | 2012 to 2016