

MAYANK GUPTA



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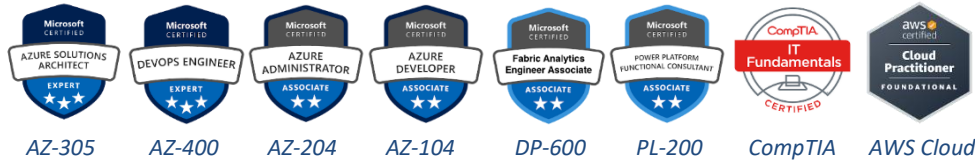
PROFESSIONAL SUMMARY

- Azure Integration Specialist with **7+ years of experience** designing, building, and delivering enterprise-scale, event-driven solutions on **Microsoft Azure .NET, Node JS, Python** and REST APIs. Specialized in Azure Functions, Azure Logic Apps, Service Bus, API Management, and CI/CD pipelines using Azure DevOps, with strong hands-on experience integrating Dynamics 365, on-premise systems, and third-party platforms through secure, scalable and **high-performance architectures** while enabling effective **collaboration with web and mobile application** teams and ensuring reliable end-to-end system integrations. Hands-on with **GenAI and agentic AI** - building **RAG solutions, Azure OpenAI, LLMs, Microsoft Foundry multi-agent systems, and MCP servers** to deliver AI-native, autonomous integration solutions.



KEY CERTIFICATIONS & CREDENTIALS

- Microsoft Certified: Azure Solutions Architect Expert (AZ-305)
- Microsoft Certified: DevOps Engineer Expert (AZ-400)
- AWS, CompTIA and Other Microsoft Certifications



EXPERIENCE



CAPGEMINI

➤ Senior Consultant

Nov 2024 – Present



Key Responsibilities and Work Summary:

- Architect and Lead Engineer of an enterprise-scale Dynamics 365 F&O and external systems integration platform, owning the full lifecycle - solution architecture, **.NET 10** development, Infrastructure, APIM, Async write across multiple domains, focusing on performance, scalability, fault tolerance and transactional workloads.
- Delivered scalable Azure integration solutions using **Azure Functions, Logic Apps, Service Bus and APIM**, implementing event-driven architectures and defining best practices for cloud-native delivery & maintainability.
- Secured every PaaS-to-PaaS hop with Managed Identity and Microsoft Entra ID (JWT / OAuth 2.0) authentication, enforcing zero-trust, RBAC, and Key Vault-backed secrets.
- Building automated **CI/CD pipelines in Azure DevOps** to enable reliable deployments, release orchestration, and consistent environment promotion.
- Implemented resilient integration patterns using Polly v8 (retry, circuit breaker, timeout), centralized error handling, dead-letter + replay flows, and a background reconciliation Poller for guaranteed status consistency.
- Architected an AI native Auto Heal platform using Microsoft Foundry multi agent orchestration, GPT 4o, MCP tool server, and Azure AI Search to autonomously detect, diagnose, and heal Service Bus failures - targeting MTTR reduction from hours to minutes.
- Implemented observability using **Azure Monitor and Application Insights**, enabling proactive monitoring, alerting, and faster issue triage to improve production reliability.
- Translated business requirements into maintainable integration designs, ensuring solutions align with business goals while supporting scalability and security expectations.



MYSENSE TECHNOLOGIES PRIVATE LIMITED

➤ **Senior Cloud Engineer**

Nov 2022 – Nov 2024



Key Responsibilities and Work Summary:

- Developing, testing and deploying **.Net based applications, Azure Functions**, Logic Apps, APIM and integrating them with Azure cloud services.
- Creating **Architecture, Conceptual, Data Flow & Sequence diagrams** and technical documents.
- Designing, Provisioning Infrastructure as a Code using Azure Resource Manager (ARM), Migration of On-Premises applications to cloud using Microsoft Azure Cloud IaaS, PaaS and Microsoft Azure DevOps.
- Using Azure DevOps Services for project management tasks, Source Code Repository, Continuous Integration and Deployment (CI/CD).
- Responsible for Change Management and Coordination across all the development and deployment teams to ensure the proper & timely release.



HCL TECHNOLOGIES LIMITED

- **Senior Software Engineer**
- **Software Engineer**
- **Trainee**

Jul 2021 – Oct 2022

Oct 2019 – Jun 2021

Jul 2018 – Oct 2019



Key Responsibilities and Work Summary:

- Led end-to-end Software Development Lifecycle (**SDLC**) for **.Net Applications**, encompassing Requirement Analysis, Design, Coding, Testing, and Maintenance Phases.
- Designed and developed new features and enhancements with a focus on backward compatibility.
- Implemented CI/CD pipeline using VSTS with Azure, overseeing installation & configuration.
- Migrated Legacy Reporting system from WebFocus to .NET and SQL Server Reporting Services (**SSRS**).
- Orchestrated the migration of 15+ applications from **ColdFusion 2011** to ColdFusion 2018.
- Oversee change management and coordination across development and deployment teams.



TECHNICAL SKILL SET

Azure Integration Services	Azure Functions, Logic Apps, Service Bus, Azure API Management, Azure Web Jobs, Azure Storage, Azure App Service, ARM and Azure DevOps
DevOps & CICD	Azure Repos, GitHub, Bicep, ARM, Docker, Azure Container Registry
Web Technologies & Programming Languages	C#, .Net Core, ASP .NET, MVC, ColdFusion, RESTful Web APIs, PowerShell
Monitoring	Application Insights, Azure Monitor, Log Analytics, KQL
Data & Reporting Tools	Azure Data Factory, Oracle 12c, SQL Server, SSRS, Power BI
AI & GenAI	Azure OpenAI, Microsoft Foundry, MCP servers, Agentic development
Domain Knowledge	Health & Safety, E-Commerce, Finance



ACHIEVEMENTS

- Recognized with the WOW Award at Capgemini for demonstrating strong ownership and technical excellence.
- Received the Live Wire Achievement Award for excellence in performance and contributions to project delivery.
- Honored with the HCL Achievers Award for outstanding performance and modernization initiatives.



EDUCATION

- **Master of Computer Applications** - Integral University, Lucknow
- **Bachelor of Computer Applications** - Integral University, Lucknow