

OMER FAROOK MOHIDEEN ABDUL KADER

Principal Software Engineer | Cloud & AI Platform Architecture

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18+ years building and scaling cloud-native, AI-enabled platforms with .NET, Python, Azure, and Databricks. Skilled in developing intelligent AI pipelines and leveraging AI-assisted coding tools to accelerate development. Expert in microservices, CI/CD, and observability, delivering reliable and scalable systems.

Work Experience

Senior Software Engineer	Suzy Inc	Nov 2021 - Present
<ul style="list-style-type: none">Led the SaaS backend architecture, delivering 60+ high-impact features that strengthened system reliabilityArchitected a LangChain-inspired Python AI application with intelligent chunking and image detection, enabling scalable LLM workflows using OpenAI 4o-mini.Designed and implemented directory-based horizontal sharding, generating \$150K in annual savingsImplemented hypership strategy for Elasticsearch clusters, reducing downtime by over 90%Engineered Data Warehouse, boosting data accessibility and analytics-driven decision-making by 70%Orchestrated a Databricks pipeline to summarize and vectorize customer responses using LLMs, enabling AI-powered conversational accessEnhanced platform with SSO, and advanced APM, improving issue resolution by 40%		
Manager	Cognizant Technology Solutions US Corp, US	Feb 2014 - Nov 2021
<ul style="list-style-type: none">Led the design, development, and enhancement of an advanced RQI system that generated multimillion-dollar revenue from Liability, Auto, and Worker Compensation policiesModernized legacy monolith into cloud-native microservices architectureIntegrated 3rd services LexisNexis, Verisk, CoreLogic, and POLK to enhance data accuracy and processingRe-architected MVR ordering process using TransUnion, achieving \$1M annual savingsDeveloped legacy policy data archival solution from IMS to FileNet, reducing storage costs by \$6K/yearExecuted 15+ Technology currency initiatives such as W2K16, SQL2016, CA Gen 8.5, RHEL 7 & WAS 9		
Senior Associate Projects	Cognizant Technology Solutions, IND	Feb 2010 - Feb 2014
<ul style="list-style-type: none">Led the development of SCTS application, generating online Certificate of Insurance, saving \$150K/monthAchieved 99% high availability of applications by implementing monitoring and alerting system		
Software Developer	Aspen Innovation Pvt. Ltd, IND	May 2008 to Feb 2010
<ul style="list-style-type: none">Developed QA application for provider voice files and transcriptions, boosting team productivity by 35%Implemented an in-house payroll system, reducing finance team time and costs by over 50%		
Software Developer	Citysoftware, IND	Aug 2005 to May 2008
<ul style="list-style-type: none">Modernized money exchange platform connecting 20+ HK branches for real-time transactionsBuilt online movie ticket booking app, improving customer engagement and convenience		

Skills

- Frameworks & Languages: C#, .NET Core, ASP.NET, Blazor, REST APIs, Entity Framework, React, TypeScript
- Databases & Storage: SQL Server, Cosmos DB, MongoDB, MySQL, Elasticsearch, Databricks
- Cloud Services: Azure (App Services, Functions, Logic Apps, Service Bus, Key Vault, AKS), AWS S3
- DevOps & Tools: Azure Devops, Azure Bicep, Docker, GitHub Actions, Grafana, Jenkins
- AI/ML & Emerging Tech: Python, LangChain, LangGraph, PostgreSQL; leveraging AI-assisted coding tools (Copilot, Cursor, LLM agents) for faster development

Achievements

- Cognizant FIIA award winner for eliminating vendor product from client application saving 100K dollars
- Led technology modernization in 70+ applications, ensuring compliance, scalability, and performance

Education

Bachelor of Computer Science and Engineering Madurai Kamaraj University, Tamilnadu, India 2000 - 2004