

**OMER FAROOK MOHIDEEN ABDUL KADER**

## Principal Software Engineer | Cloud & Enterprise Architecture Leader

Wilmington, NC | 443-983-3644 | omerfarookbe@gmail.com | [LinkedIn](#) | [Portfolio](#) | [GitHub](#)

18+ years of experience leading the architecture and delivery of high-performance, cloud-native applications using .NET Core, C#, and Azure. Expert in modernizing legacy systems and driving digital transformation through Microservice, event-driven, containerization, CI/CD, and automation.

## Work Experience

## Senior Software Engineer

**Suzy Inc**

Nov 2021 - Present

- Modernized and scaled the SaaS backend, delivering 60+ high-impact features that expanded product capabilities and strengthened system reliability
- Architected and implemented directory-based horizontal sharding, generating \$150K in annual savings
- Deployed a hypership strategy for Elasticsearch clusters, reducing downtime by over 90%
- Engineered Data Warehouse, boosting data accessibility and analytics-driven decision-making by 70%
- Built an application that summarizes, and vectorizes document content using LLMs, storing it in Databricks to enable AI-powered conversational access to file data
- Enhanced platform with SSO, and advanced APM, improving issue resolution by 40%

## Manager

**Cognizant Technology Solutions US Corp, US**

Feb 2014 - Nov 2021

- Led the design, development, and enhancement of an advanced RQI system that generated multimillion-dollar revenue from Liability, Auto, and Worker Compensation policies
- Modernized legacy monolith into cloud-native microservices architecture
- Integrated 3rd services LexisNexis, Verisk, CoreLogic, and POLK to enhance data accuracy and processing
- Re-architected MVR ordering process using TransUnion, achieving \$1M annual savings
- Developed legacy policy data archival solution from IMS to FileNet, reducing storage costs by \$6K/year
- Executed 15+ Technology currency initiatives such as W2K16, SQL2016, CA Gen 8.5, RHEL 7 & WAS 9
- Built CI/CD pipelines with Jenkins/UCD, embedding IBM AppScan and Black Duck to eliminate vulnerabilities

## Senior Associate Projects

**Cognizant Technology Solutions, IND**

Feb 2010 - Feb 2014

- Led development of Service Center Tracking System, enabling online Certificate of Insurance generation and saving \$150K/month
- Achieved 99% high availability of applications by implementing monitoring and alerting system

## Software Developer

**Aspen Innovation Pvt. Ltd, IND**

May 2008 to Feb 2010

- Developed an online QA management 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**

- Modernized money exchange platform connecting 20+ HK branches for real-time transactions
- Built online movie ticket booking app, improving customer engagement and convenience

## Skills

- Frameworks & Languages: C#, .NET Core, ASP.NET, Blazor, React, REST APIs, Entity Framework, 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: Currently exploring AI/ML with Python, LangChain, LangGraph, and PostgreSQL

## Achievements

- Cognizant FIFA award winner for eliminating vendor product from client application saved 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