

Mukund K N

Senior Software Developer | .NET | Azure | Angular | DevOps
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About Me

10+ years of experience in building scalable software systems for logistics, payments, travel, and IoT. Specialized in cloud migrations, domain-driven design (DDD), event-driven architectures, system modernization, CI/CD automation and microservice architecture across global domains.

- Expert in developing microservices and cloud-native applications
- Experience across logistics, payments, energy, and travel domains
- Skilled in designing for resilience, scalability, and performance

Experience

Maersk

Senior Software Developer | 2022 – Present

Leading the development of critical microservices as part of Maersk's digital transformation initiative. Supporting real-time inventory tracking across a global cargo network.

- Built generic Kafka consumer container, reducing onboarding time by 95%
- Migrated CI/CD to GitHub Actions, reducing deployment time
- Real-time container capacity tracking
- Developed multiple microservice to strangle legacy services

Tech Stack: .NET Core, Kafka, Azure, Postgres Server, Kubernetes, Angular, Terraform, Grafana, gRPC, Service Bus

Siemens

Senior Software Developer | 2019 – 2022

Developed substation configuration and automation tools improving energy project setup.

- Built UI and backend for Siemens SITPE tool
- Optimized data sync performance

Tech Stack: .NET, Azure devops Pipelines, SQL Server

Verifone

Senior Software Engineer | 2017 – 2019

Built secure, scalable payment infrastructure using ISO8583 and C#. Led onboarding and localization projects to expand payment integration to VISA.

- Integrated merchant onboarding and automated settlement workflows
- Enabled multi-language support and localization for global markets
- Led scrum ceremonies and supported ISO8583 gateway integration

Tech Stack: C#, ISO8583, SQL Server, VSIX, COM Interop, XML, XSLT, MSMQ, DPAPI

Travel Centric Technology - Hotel Hub

Software Engineer | Jan 2017 – Jun 2017

Developed GDS integration and booking platform for Carlson Wagonlit Travel, enabling seamless hotel search and booking from multiple sources.

- Integrated Google Place API for contextual location search
- Handled GDS partner integration (Sabre) and passive PNR flows
- Implemented support for non-GDS channels including Booking.com

Tech Stack: C#, MVC, SQL Server, jQuery, ASP.NET, WCF, NCache, EF

Sonata Software

System Analyst | 2014 – 2017

Delivered DreamTrips.com, a large-scale SaaS-based travel booking platform generating over \$4M in revenue. Built B2B backend, call center tools, and integrations.

- Developed booking flow, inventory and pricing modules
- Integrated multiple payment gateways (Auth.Net, iPay88)
- Enabled media streaming with AWS S3 and Adobe Tagging
- Built unit test coverage using Moq and NUnit

Tech Stack: C#, ASP.NET MVC, SQL Server, JavaScript, AWS S3, NoSQL, ADO.Net, Adobe analytics

Education

Jain College of Engineering

2010 – 2014

Electronics and Communication (CGPA: 4.1)

Hobbies & Interests

 Squash  Raspberry Pi Projects  PC Gaming