

Satish Maurya

Enterprise Architect & Full-Stack Engineer

contact@satishmaurya.in

Senior Software Engineer with 9+ years of experience designing and building enterprise-grade distributed systems, microservices architectures, and AI-integrated platforms across Banking, Healthcare, and IoT domains. Proven track record of delivering high-performance, scalable solutions for Fortune 500 clients.

TECHNICAL SKILLS

.NET Core / C# Node.js React.js Next.js TypeScript Angular SQL Server PostgreSQL
MongoDB Redis Azure AWS Docker Kubernetes RabbitMQ Kafka SignalR
OpenAI / LLM CI/CD Azure DevOps

ARCHITECTURE EXPERTISE

Microservices Architecture Event-Driven Systems CQRS / Event Sourcing Domain-Driven Design
Clean Architecture REST / GraphQL gRPC IoT Architecture

DOMAIN EXPERIENCE

Banking & Financial Systems

Exchange connectivity (NSE, LON), high-frequency data processing, secure transactions, portfolio management

Healthcare Workforce

Resource management, compliance tracking, credential verification, high-volume scheduling

IoT & Monitoring

GPS tracking, real-time telemetry, device management, compliance dashboards

AI & Enterprise Intelligence

LLM integration, workflow automation, AI assistants, smart data pipelines

KEY PROJECTS & IMPACT

Exchange Trading Platform

Banking & Financial • 10M+ daily transactions

- Designed high-frequency trading system connecting to NSE & LON exchanges

- Processed millions of market data points with sub-millisecond latency
- Built with .NET Core, SQL Server, Redis, and SignalR

Healthcare Workforce Hub

Healthcare • 50K+ professionals managed

- Enterprise platform managing 50,000+ healthcare professionals
- Scheduling, compliance tracking, credential verification, and analytics
- Built with React, .NET Core, PostgreSQL, and Azure

IoT Fleet Tracker

IoT • 10K+ devices monitored

- Real-time GPS tracking and telemetry for 10,000+ vehicles
- Geofencing, route optimization, and compliance dashboards
- Built with Node.js, MongoDB, MQTT, and React

AI-Powered Workflow Engine

AI • 70% process automation achieved

- Intelligent automation platform integrating OpenAI for document processing
- Decision support and automated workflow routing
- Built with Next.js, OpenAI, .NET Core, and PostgreSQL

Social Networking Platform

Social • 100K+ concurrent users

- Real-time social app with 1-on-1 and group chats, media sharing, and stories
- Event-sourced architecture with WebSocket connections handling 100K+ concurrent users
- Message fan-out queues and push notification orchestration
- Built with React Native, Node.js, RabbitMQ, Redis, MongoDB, and WebSockets

EDUCATION

Bachelor of Engineering in Computer Science

Mumbai University • Graduated with Honors