

Mohd Asad

New-Delhi | Gmail | +91 9897692069 | Portfolio | Github

Summary

Software Developer with almost 2 years of proven expertise in enterprise application development. Specialized in building high-performance REST APIs and microservices using NestJS, Node.js, and TypeScript.

Skills

Technologies: JavaScript, TypeScript, Node.js, NestJS, Express.js, TypeOrm, React.js, REST API, WebSocket, OpenTelemetry, OAuth, Docker, Microservices, Onion Architecture

Databases & Tools: PostgreSQL, TypeORM, Redis, Docker, Git, GitHub, AWS S3, CI/CD, Nginx

Protocols & Architecture: Microservices, REST API, WebSocket, WebRTC, Onion Architecture, OAuth 2.0, JWT, 2FA, Payment Gateway Integration

Professional Experience

Software Developer, Sofyrus Technologies Pvt Ltd Aug 2023 – Present

- Led development of enterprise-grade microservices architecture using NestJS and TypeScript, achieving 40% faster API response times and 99.99% uptime
- Implemented advanced database optimization strategies with PostgreSQL and TypeORM, resulting in 65% faster query performance and 35% reduced server load
- Architected and deployed secure payment infrastructure handling transactions without any security incidents, integrating multiple payment gateways and Auth0
- Spearheaded implementation of logger, WebSocket, Redis, OpenTelemetry and distributed tracing, reducing system debugging time by 70% and improving incident response by 50%

Projects

DMW - Enterprise Healthcare Platform Microservices Healthcare

- Architected scalable hospital management system processing 25,000+ monthly transactions with 99.99% uptime
- **Tech Stack:** NestJS, TypeScript, TypeORM, PostgreSQL, Redis, Docker, AWS S3, WebSocket

Curax - Healthcare Marketplace Microservices Healthcare

- Developed full-stack marketplace connecting 5,000+ healthcare providers, featuring real-time booking and secure payments
- **Tech Stack:** NestJS, TypeScript, PostgreSQL, Redis, AWS, Docker, WebSocket, Stripe API

MediConnect - Telemedicine Platform Healthcare

- Built telemedicine platform serving 20,000+ monthly users with secure video consultations
- **Tech Stack:** NestJS, PostgreSQL, WebRTC, Redis, Docker, TypeORM, AWS S3, Socket.io

Murshid - Enterprise LMS Monolithic (Onion Architecture) Education

- Engineered learning platform supporting 5,000+ concurrent users with real-time analytics and automated assessment
- **Tech Stack:** NestJS, TypeORM, PostgreSQL, Redis, Docker, JWT, WebSocket, AWS S3

Education

APJ Abdul Kalam Technological University, B.Tech in Computer Science and Engineering 2020 – 2023

- **Relevant Coursework:** Software Development, Data Structures, Web Technologies, Software Architecture

Jamia Millia Islamia, Diploma in Computer Science and Engineering 2017 – 2020

- Graduated with Distinction