

Shaikh Sajed Ahmed

Backend Developer

7773936878 digitalsajed@gmail.com [LinkedIn](#) [GitHub](#) [Portfolio](#)

SUMMARY

Results-oriented **Backend Developer** with **3+ years** of experience architecting scalable, secure & high-performance systems. Specialized in microservices, real-time event-driven workflows, and AI-integrated pipelines using **Node.js, Express, Kafka, Redis & Inngest**. Proficient in designing API architecture, database optimization, and asynchronous job handling. Focused on clean code, test coverage, and backend systems that scale reliably under pressure.

WORK EXPERIENCE

Backend Developer

Jun '24 - Present

Ideamind Technologies, Hyderabad

- Designed and delivered backend services for 4 production platforms, building scalable REST/GraphQL APIs using Node.js and PostgreSQL.
- Implemented microservice architecture using NodeJS, MongoDB & Postgres with Kafka and Redis for async communication and caching, improving system responsiveness by 60%.
- Designed secure authentication and role-based access control (RBAC) using JWT, middleware pipelines, and test-driven development (TDD), reducing production bugs by 95%.

Backend Developer

Apr '22 — Jun '24

Swami Ramanand Teerth Marathwada University, Nanded, MH

- Developed and maintained 30+ backend modules using Node.js and MongoDB to digitize academic and administrative workflows.
- Delivered automated reporting systems for CAS, PBAS, AQAR, NIRF and 8 other highly complex modules, reducing manual documentation effort by 90%.
- Engineered backend systems for dynamic PDF using Puppeteer and Excel generation from academic data, saving 100+ hours per quarter.
- Standardized internal dashboards and approval flows, improving cross-department communication and decision tracking by 50%.

SKILLS

Backend: NodeJS, Express, REST APIs, GraphQL, WebSockets, Kafka, Redis, Inngest, Jest Testing (TDD), JWT

Database: MongoDB, MySQL, PostgreSQL, Pinecone, Prisma ORM

Frontend: ReactJS, NextJS, HTML, CSS, JavaScript, TypeScript

DevOps: Docker, AWS, CI/CD, Git/GitHub

Other: Microservices, System Design, UI/UX, Payment Gateway Integration

PROJECTS

Find My Doctor - AI-Powered Medical Triage Platform - [Live Project](#)

- Github Source Code: [1. Frontend](#) [2. Backend](#)
- Architected and deployed Node.js APIs backed by MongoDB to handle patient queries and deliver AI-driven doctor recommendations leveraging Inngest AI-Agent pipeline
- Reduced query latency by 30% than the traditional databases by implementing semantic search and vector indexing via Pinecone.

Connector - Chatting and Collaborative Code Sharing Platform - [Live Project](#)

- Github Source Code: [1. Frontend](#) [2. Backend](#)
- Developed backend services using NodeJS & Socket.IO for live chat and code sharing.
- Implemented syntax-safe communication and session handling, ensuring low-latency and consistent collaboration.

Round Pizza - Online Pizza Delivery Architecture - [Complete Architecture and Repositories](#)

- Architected highly-scalable microservices for auth, order, catalog, sockets, payments, and notifications using Node.js, Kafka, MongoDB & Postgres.
- API gateway layer optimized with Redis caching and secure service-to-service messaging.
- Ensured database integrity and query speed using PostgreSQL transactions and MongoDB indexing.

EDUCATION

Master in Computer Applications, SRTMUN, Nanded, Maharashtra (**GPA: 9.1**)

Jul '21 — May '23

Bachelors in Computer Science, DSM College, Parbhani, Maharashtra (**GPA: 8.8**)

Jul '18 — May '21