Shaikh Sajed Ahmed

Backend Developer

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SUMMARY

Efficient and solution-oriented Backend Developer with 3+ years of experience building scalable, secure, and high-performance APIs and data systems. Proficient in Node.js, Express, MongoDB, PostgreSQL, and Kafka. Adept at designing microservices, managing data flow, and optimizing queries and background jobs. Strong focus on performance tuning, security, and modern DevOps practices.

WORK EXPERIENCE

Backend Developer
IdeaMind Technologies, Hyderabad

Jun '24 — Present

- Designed the architecture and implemented performant and scalable API services across 4 major products from scratch, enhancing the response time by 20%.
- Integrated Kafka and Inngest to streamline event-driven workflows and LLM-based AI tasks.
- Designed secure authentication and RBAC logic using JWT and middleware pipelines, with best and high level security standards.
- Achieved 90%+ UAT clearance for backend logic, ensuring production-ready reliability.
- Implemented the backend services using the test-driven development reducing the production bugs and errors by 95% with complete test coverage.

Backend Developer
Swami Ramanand Teerth Marathwada University, Nanded, Maharashtra

Apr '22 — Jun '24

- Designed and implemented university-wide backend modules including reporting, user roles, and audit logs.
- Automated data pipelines to generate reports like PM-USHA, UDRF and 10+ more , reducing manual effort by over 70%.
- Enhanced database design and indexing, resulting in 2x faster report queries and API performance for 10+ roles in the application.
- Designed efficient PDF and Excel reports generation UI for, which was 70% more readable than traditional reports.
- Actively participated in brain-storming sessions. Pro-actively submitted new Ideas and suggestions and gathered valuable feedbacks time to time.

SKILLS

Backend NodeJS, ExpressJ, GraphQL, Socket IO, Kafka, Inngest, Redis, REST API, JWT / OAuth
Database MongoDB, Prizma ORM, Drizzle ORM, Postgres, Pinecone
Others   AWS, Docker, Microservices, System Design, Payment Integration, React JS, NextJS, TailwindCSS

PROJECTS

Find My Doctor (AI-powered medical triage platform) Link
- Github Source Code Links:
    - Frontend
    - Backend
- Built Node.js APIs for handling natural language inputs and processing via LLMs.
- Utilized vector embedding from patient's queries and stored to Pinecone Vector DB for querying results increasing the response time 30% than traditional DB.
- Orchestrated the LLMs and Tools with the help of Inngest library reducing the unhandled errors and end-to-end logging at each stage.

Round Pizza (A high-end Microservices Architecture)
- Github Source Code & Architecture Diagram
- Architected REST APIs for services like Auth, Orders, Products, Catalog, Socket and Notification Services
- Implemented API Gateway with Redis caching and Kafka messaging for inter-service communication.
- Ensured database integrity 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