

Maulik Mochi

📁 Backend Developer — 4+ Years Experience

Professional Summary

Backend Developer with **4+ years of experience** designing and building scalable, secure, and high-performance backend systems using **Node.js and Express**. Strong expertise in **MongoDB and PostgreSQL**, RESTful API design, authentication mechanisms, and database optimization. Experienced in building production-grade systems with secure payment integrations and real-time features, ensuring reliability and scalability across web and mobile platforms.

Technical Skills

Backend: Node.js, Express.js, REST APIs

Databases: MongoDB, PostgreSQL

Authentication: JWT, OAuth 2.0

Real-Time Systems: WebSockets, Real-time chat features

Payment Integration: Payment Gateway Integration (In-App Purchases, Transaction APIs)

Database Concepts: Replication, Indexing, Query Optimization, High Availability

Operating Systems: Linux (Ubuntu, CentOS)

Tools & Process: Git, Agile/Scrum, API Documentation

Professional Experience

Backend Developer

4+ Years Experience

- Designed and developed scalable backend services using Node.js and Express.
- Built and maintained RESTful APIs consumed by web and mobile applications.
- Implemented secure authentication and authorization using JWT and OAuth.
- Integrated payment gateways and managed transaction workflows.
- Developed real-time features including chat and live data updates.
- Optimized MongoDB and PostgreSQL databases for performance and scalability.
- Ensured high availability through replication, backups, and monitoring.
- Collaborated with frontend and mobile teams to ensure seamless API integration.

Relevant Projects

Sarafy App — Digital Financial Services Platform (FinTech)

Web Platform — Android — iOS

- Built secure backend services using Node.js and Express for financial workflows.
- Designed PostgreSQL schemas for transaction-heavy systems.
- Implemented authentication using JWT-based token systems.
- Integrated payment-related APIs and secure transaction handling.

Footrax — Sports Performance Tracking & Analytics Platform

Web Platform — Android — iOS

- Developed REST APIs using Node.js for high-volume analytics data.
- Designed MongoDB schemas for player metrics and historical performance.
- Implemented real-time data updates and optimized aggregation pipelines.
- Ensured database scalability and performance for concurrent users.

NextGen – BallrHub — Sports & Social Media Engagement Platform

- Designed backend architecture aligned with Node.js-based services.
- Planned scalable database models for user profiles and social interactions.
- Supported real-time engagement features and API-driven expansion.