

Rahul Choudhary

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SUMMARY

Results-driven Full Stack Developer with 3+ years of experience designing scalable backend systems, RESTful APIs, and microservices using Node.js, NestJS, TypeScript, and MongoDB. Expertise in JWT, OAuth 2.0, RBAC, and CI/CD pipelines. Proficient in React.js, Next.js, and React Native. Experienced with AI/LLM integration including RAG, LangChain, and OpenAI API. Proven track record of improving system performance and shipping reliable software in agile/Scrum environments.

SKILLS

Languages: JavaScript (ES6+), TypeScript
Backend: Node.js, NestJS, Express.js, REST API, RESTful API Design, Microservices, GraphQL, WebSockets, gRPC
Authentication & Security: JWT, OAuth 2.0, Role-Based Access Control (RBAC), OWASP, API Security, Data Encryption
Frontend & Mobile: React.js, Next.js, React Native, Expo, Redux, Tailwind CSS, NativeWind, HTML5, CSS3
Databases: MongoDB, Mongoose, PostgreSQL, Redis, MySQL, NoSQL, Query Optimization, Indexing, Data Modeling
DevOps & Cloud: Docker, GitHub Actions, CI/CD, AWS (S3, EC2, Athena), GCP, Linux, Nginx, Postman, Git, GitHub
AI & LLM: LangChain, LlamaIndex, RAG (Retrieval-Augmented Generation), Vector Databases, Embeddings, OpenAI API, Prompt Engineering, AI Agents
Methodologies: Agile, Scrum, SOLID Principles, Test-Driven Development (TDD), MVC, Code Review, Technical Documentation

EXPERIENCE

Full Stack Developer

Relific Technologies | Bangalore, India

March 2025 - April 2026

- Architected scalable RESTful APIs and microservices using NestJS, Node.js, and TypeScript; reduced average API response time by 30% using Redis caching and MongoDB aggregation pipeline optimization.
- Implemented JWT authentication and role-based access control (RBAC) for a multi-tenant SaaS platform, securing 1,000+ active users across 10+ protected route groups with zero security incidents.
- Optimized MongoDB schemas and compound indexes, improving database read performance by 25% under high-concurrency traffic.
- Developed cross-platform mobile features using React Native and Expo, contributing to a 20% improvement in user engagement.
- Integrated OpenAI API and LLM-assisted development workflows, reducing average feature delivery time by 40% across sprint cycles.
- Worked in agile Scrum team of 8; maintained 100% sprint completion rate over 13 months with zero critical production incidents.

Full Stack Developer

GigTechorbit | Delhi, India

January 2023 - February 2025

- Built and scaled backend microservices using NestJS and Node.js, improving API throughput by 35% and reducing error rates by 20% through centralized logging and structured error handling.
- Designed and delivered 50+ RESTful API endpoints for user management, data pipelines, and third-party integrations serving web and mobile clients.
- Engineered MongoDB data models with compound indexing and aggregation queries, reducing query execution time by 40% while supporting 10x data volume growth.
- Implemented OAuth 2.0, JWT, and RBAC across all services, achieving full compliance with OWASP Top 10 security guidelines.
- Collaborated with frontend engineers and product managers in agile sprints, accelerating release velocity by 15% through API-first design and Postman-based documentation.

PROJECTS

ClientStream - Lead Generation Platform

Node.js, MongoDB, REST API, Docker | lead-ai-d9na.vercel.app/dashboard

- Built scalable lead generation platform on Node.js and MongoDB supporting 1,000+ concurrent users with event-driven automation and sub-200ms API response times.
- Automated lead capture and response workflows improving conversion rate by 25%; integrated Razorpay payment gateway with webhook-based reconciliation.

Tixigo - Real-Time Ticketing System

Node.js, MongoDB, WebSockets, REST API

- Built real-time ticket booking system with WebSocket-based concurrent seat locking, group purchasing, and prepaid reservation flows eliminating double-booking.

EDUCATION

Bachelor of Computer Applications (BCA)

Amity University | Noida, India | Expected June 2026 | Top 5% of Batch

- Relevant coursework: Data Structures, Algorithms, Database Management Systems, Machine Learning, Software Engineering.

ACHIEVEMENTS & OPEN SOURCE

Open Source Contributor - PocketPaw (AI Pet Care Platform)

- Resolved critical WebSocket routing defect in real-time dashboard, restoring live data sync for all connected clients and eliminating recurring connection drop errors in production.
- Fixed LLM response handling edge cases across OpenAI, Anthropic, and Guardian provider modules; improved AI feature reliability and provider-agnostic fallback consistency.
- Patched async race conditions in API request flows; all changes code-reviewed and merged by project maintainers, improving system stability.