

AYUSH KUMAR SINGH

Backend-Focused Full Stack Developer

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PROFESSIONAL SUMMARY

Backend-focused full-stack developer with 3 internships designing, building, and deploying production-ready REST APIs using Node.js, Express, and TypeScript. Proficient in PostgreSQL, MongoDB, Prisma ORM, and Docker containerization. Experienced in payment gateway integrations (Razorpay, PhonePe, Cashfree), JWT authentication, and CI/CD workflows. Currently expanding backend expertise into Java while shipping scalable web applications.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, SQL

Databases: PostgreSQL, MongoDB, Redis, Prisma ORM, Mongoose

DevOps & Tools: Git, GitHub, Docker, Vercel, Render, API Testing (Postman/Insomnia)

Backend: Node.js, Express.js, REST API Design, JWT/OAuth Authentication, Webhooks, Middleware Architecture

Frontend: React, Next.js (App Router), Tailwind CSS, Responsive UI

Payments & Integrations: Razorpay, PhonePe, Cashfree, REST APIs, Webhook Handling

PROFESSIONAL EXPERIENCE

Backend Developer Intern — Singing Bird App Pvt Ltd | Hyderabad,

Aug 2025 – Feb 2026

India

- Architected and wrote comprehensive test suites for Node.js/Express microservices, reducing production bugs by ~30% and improving API stability.
- Authored internal API documentation and deployment playbooks, cutting new developer onboarding time from days to hours.
- Built and shipped Docker-containerized REST APIs to production on schedule, ensuring consistent environments across dev/staging/prod.

Full-Stack Developer Intern — To-Let Global Pvt Ltd | Uttar Pradesh,

Jul 2025 – Nov 2025

India

- Developed responsive React components integrated with REST APIs, resolving critical frontend-backend data-sync issues and improving feature delivery speed.
- Conducted Git-based peer code reviews for a team of 4 developers, enforcing coding standards and reducing merge conflicts.
- Diagnosed and eliminated React rendering bottlenecks, improving page load times by ~25% and enhancing user experience.

Backend Developer Intern — Small Fare Pvt Ltd | Telangana, India

Apr 2025 – Jun 2025

- Designed and implemented RESTful API endpoints for core business logic using Node.js and Express, handling 100+ daily transactions.
- Integrated Razorpay, PhonePe, and Cashfree payment gateways with robust webhook handling and transaction rollback mechanisms.
- Dockerized the full development environment and documented troubleshooting guides, eliminating “works on my machine” issues for the team.

PROJECTS

GymFlow — Gym Management Platform | Next.js · TypeScript ·

2026

PostgreSQL · Prisma · Razorpay

- Built an end-to-end gym management platform supporting role-based access control (Admin, Staff, Member) with secure JWT authentication.
- Engineered complete membership lifecycle workflows: plan creation, automated renewals, expiry alerts, freeze/cancellation, and payment reconciliation.
- Integrated Razorpay payment gateway with manual payment fallback, generating automated invoices and financial dashboards for gym operations.
- Developed staff activity tracking and operational reporting dashboards, giving admins real-time visibility into gym performance.

EasyTrack — AI-Powered Job Application Tracker | Next.js App

Apr 2025 – May 2025

Router · PostgreSQL · Tailwind CSS · Zod · AI Integration

- Created a centralized job application tracker with resume parsing and AI-driven job-resume matching, helping users prioritize high-fit opportunities.
- Implemented secure authentication, form validation with Zod, and a clean Tailwind UI for seamless user experience.
- Automated backend insights (application status analytics, follow-up reminders) to reduce manual tracking overhead by ~60%.

EDUCATION

University of Lucknow | Uttar Pradesh, India | 2024 – Present

ADDITIONAL INFORMATION

Languages: English (Professional), Hindi (Native) | **Interests:** Open-source contributions, system design, backend architecture | **Availability:** Open to full-time backend/full-stack roles and freelance API development