

Ravi Pandey

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EDUCATION

Bachelor of Technology in Computer Science Engineering
Sandip University, Nashik

2023 – 2026 June
CGPA: 8.01 / 10

EXPERIENCE

Freelance Full Stack Developer

Sep 2025 – Present

Self Employed — Node.js, Express.js, PostgreSQL, MongoDB, REST APIs, Docker

- Designed and built scalable backend systems for startups and independent clients using Node.js, Express.js, and PostgreSQL.
- Architected RESTful APIs with JWT authentication, role-based access control, and middleware-driven request pipelines.
- Deployed services on Linux VPS environments using Docker and managed CI/CD pipelines for reliable, zero-downtime releases.
- Collaborated directly with clients to define data models, translate business logic into backend services, and deliver production-ready APIs.

React Developer Intern

Nov 2024 – Feb 2025

ForangeX — React, Next.js, TypeScript, REST APIs

- Developed responsive user interfaces using React and Next.js while collaborating with senior developers on client-facing products.
- Integrated REST APIs and implemented reusable UI components to improve development efficiency and consistency.
- Participated in bug fixing, feature enhancements, code reviews, and testing to ensure application quality.
- Worked closely with designers and backend developers to deliver scalable and user-friendly web experiences.

PROJECTS

Baniya's App – Smart Store Ledger & Hinglish Voice Assistant

[GitHub](#)

Node.js, Express.js, MongoDB, REST APIs, Claude AI (Anthropic), JWT Auth, Razorpay

- Built a multi-tenant digital ledger platform for kirana shopkeepers managing a triple-price system (retail, wholesale, cost) across **500+ inventory items** per store, with strict per-account data isolation.
- Integrated Claude AI (Anthropic) to power a Hinglish voice assistant that parses natural-language Hindi/English queries and returns real-time price lookups in **under 1 second**.
- Implemented Razorpay subscription billing with monthly/yearly plan management, webhook-based payment verification, and billing history endpoints serving **5+ active subscribers**.
- Designed scalable MongoDB schemas with indexing strategies achieving **sub-100ms** full-text product search across large inventories under live counter conditions.

ChatCV – AI-Powered Conversational Resume Builder

[GitHub](#) | [Live](#)

Node.js, Express.js, PostgreSQL, Claude AI (Anthropic), LaTeX, WebSockets, Docker

- Architected the full backend for a conversational AI resume builder handling **multi-turn sessions** via the Anthropic API, progressively assembling user input into a validated resume schema in real time.
- Engineered a server-side LaTeX compilation pipeline that converts AI-structured resume data into a polished PDF in **under 3 seconds**, with raw `.tex` export for Overleaf editing.
- Designed PostgreSQL schemas to persist **resume versions, session history, and conversation state** across **500+ users**, enabling drafts to be resumed across devices without data loss.
- Containerized the full application with Docker and implemented a WebSocket layer to push live resume updates to the frontend with **<200ms** latency as the AI processes each message.

TECHNICAL SKILLS

Languages	JavaScript, TypeScript, Python
Backend	Node.js, Express.js, REST APIs, WebSockets, JWT Auth, Razorpay, Anthropic API
Frontend	React.js, Next.js, Redux Toolkit, Tailwind CSS
Database	MongoDB, PostgreSQL, Redis

ACHIEVEMENTS & RECOGNITION

- 3rd Place — National Hackathon** among 200+ competing teams, recognized for full-stack innovation and product completeness.

- **Finalist** — **IIIT Gwalior Hackathon** among 600+ teams, shortlisted for technical depth and solution scalability.
- **Top 10** — **SunHack** among 400+ teams, awarded for rapid prototyping and UI/UX quality.
- Delivered end-to-end backend systems for multiple early-stage startups, shipping production APIs and database architectures independently.