

Rohit Raj

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EDUCATION

Bachelors of Engineering

Punjab | (2021-Present)

CHITKARA UNIVERSITY | CGPA: 8.82

Coursework: Data Structure and Algorithm, Database Fundamentals, Object-oriented Programming, Networking Fundamentals, Operating System

PROJECTS

PAYZO - UPI-STYLE PAYMENT PLATFORM

REACT, REDUX, TAILWIND CSS, NODE.JS, POSTGRESQL,

PRISMA, DOCKER, GITHUB ACTIONS

- Developed a full-stack UPI-based payment platform enabling real-time peer-to-peer (P2P) and merchant transactions via phone number and QR code.
- Implemented OTP-based phone authentication, secure wallet transfers, and bank on-ramp/off-ramp using webhook integrations.
- Built dashboards to show wallet balances, portfolio insights, and transaction history; ensured concurrency safety with row-level locking.
- Set up CI/CD pipelines with Docker and GitHub Actions; structured the codebase using Turborepo for modular development.

INSCRIBE - AI-POWERED BLOGGING PLATFORM

REACT, TYPESCRIPT, TAILWIND CSS, QUILL.JS,

PRISMA, POSTGRESQL, HONO, CLOUDFLARE WORKERS

- Created a rich-text blog platform with features like post creation, editing, JWT-based authentication, and user privacy.
- Integrated the Gemini API for automatic blog summarization and deployed the platform on Cloudflare Workers for scalability.
- Published reusable backend logic as an NPM package for maintainability and faster development.

DREAMHOME SPOTTER - REAL ESTATE LISTING APP

REACT, REDUX TOOLKIT, TAILWIND CSS,

EXPRESS.JS, MONGODB, FIREBASE

- Developed a property listing platform with user authentication, CRUD operations, image uploads, and Google OAuth login.
- Implemented Redux Persist to maintain session state across reloads and enhanced UX with features like image sliders and advanced filtering.

SKILLS

- **Languages:** Java, Javascript, Typescript, HTML5, CSS3
- **Lib/Frameworks:** React, Redux, Node.js, express.js, Hono, Tailwind, Postgres, Prisma, Docker
- **Technology/Databases:** Git, Linux, MongoDB
- **Familiar Tech:** C++, MySQL, Next.js, AWS

COURSEWORK & ACHIEVEMENTS

- Solved more than 700 Data Structures & Algorithms problems across LeetCode and GeeksforGeeks, improving coding proficiency and problem-solving skills.
- Completed Coding Ninjas' Intro and Advanced Front-End Development courses covering HTML, CSS, JavaScript, responsive design, and UI building.
- Completed Cohort 2.0 by Harkirat Singh - a hands-on full-stack program covering Next.js (App Router), Tailwind CSS, Turborepo, Docker, Prisma, PostgreSQL, authentication, and deployment.