

Ravi Pandey

Backend / Full-Stack Developer

B.Tech, Computer Science Engineering
Graphic Era Hill University, Bhimtal

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GitHub Leetcode

LinkedIn Portfolio

Summary

Backend-focused Full-Stack Developer with hands-on experience building production APIs, internal dashboards, and messaging-based workflows. Currently working with Node.js, Fastify, Bun, and modern databases, with a focus on clean backend design and maintainable systems.

SKILLS

- **Languages:** TypeScript, JavaScript, C++
- **Backend:** Node.js, Fastify, Bun, REST APIs, MVC Architecture, Class-based Programming
- **Messaging & Notifications:** Redis (Pub/Sub — Basic), Asynchronous Messaging (Basic), Firebase Cloud Messaging
- **Databases / ORM:** MySQL, MongoDB, Drizzle ORM, Schema Design, Database Optimization (Basic)
- **Frontend:** React, Next.js, EJS, Bootstrap, Tailwind CSS, Shadcn UI
- **Tools:** Git/GitHub, Docker (Basic), Postman, Linux

WORK EXPERIENCE

Stealth Technocrats | Software Developer | On-site

December - Present

- Worked on backend systems using **Node.js** and **Fastify**, focusing on API performance, maintainability, and clean service structure, while supporting frontend features where required.
- Migrated APIs from **Node.js/Express** to **Bun + Fastify**, reducing server response time by approximately **60%**.
- Designed backend modules using **MVC architecture** and class-based programming to improve code organization and maintainability.
- Implemented **Redis (Pub/Sub — Basic)** for internal messaging workflows and integrated **Firebase Cloud Messaging (FCM)** for push notifications.
- Worked with **Drizzle ORM** and **MySQL**, alongside MongoDB, focusing on clean queries and schema handling.
- Built internal admin interfaces using **EJS** and **Bootstrap**, reducing frontend workload and simplifying workflows.
- Independently developing an internal admin dashboard for a cab booking system using **React** on the frontend and **Bun + Fastify** on the backend.

Gaotek | Web Developer Intern | Remote

June - Nov 2024

- Developed secure login and signup flows using authentication middleware to improve application security.
- Created cart functionality with subscription handling and **PayPal** payment integration.
- Improved UI structure and usability by organizing page layouts and adding custom animations using **Bootstrap**.

PERSONAL PROJECTS

HireHub | GitHub | Live [Next.js 14, TypeScript, Tailwind, Supabase, MongoDB, Stripe, NextAuth]

Aug 2024

- Built a full-stack job portal with user authentication and role-based access using **NextAuth**.
- Implemented job listings, applications, and basic admin workflows with data stored in **MongoDB** and **Supabase**.
- Integrated **Stripe** for handling subscription-based payments and basic transaction flows.

Expense Management System | GitHub | Live [React, Node.js, Express.js, MongoDB]

Apr 2024

- Developed a MERN-based expense tracking application with CRUD functionality for managing personal expenses.
- Implemented filtering, search, and pagination to handle growing expense records efficiently.
- Designed REST APIs using **Express.js** with structured data handling in **MongoDB**.

Code Xerox | GitHub | Live [Node.js, Express.js, Socket.io, Peer.js, CodeMirror]

Dec 2023

- Built a real-time collaborative code editor supporting multiple users with live code synchronization.
- Used **Socket.io** and **Peer.js** to enable real-time collaboration and peer-to-peer communication.
- Integrated **CodeMirror** for syntax highlighting, code formatting, and editor features.

EDUCATION

Graphic Era Hill University, Bhimtal

2020-2024

B.Tech in Computer Science Engineering

Inspiration Public School, Uttarakhand

2019-2020

Intermediate