# Pranjal Khare

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#### EDUCATION

## • VIT Bhopal University

Bhopal, Madhya Pradesh

B. Tech in Computer Science Engineering (Cyber Security and Digital Forensics)

CGPA: 9.43 / 10

• Deepak Memorial Academy

Sagar, Madhya Pradesh

Higher Secondary Education (12<sup>th</sup>) – Major: PCM

Percentage: 88.7%

#### EXPERIENCE

• Braudgauge

Bhopal, India (Remote)

Web Developer Intern

February 2025 - April 2025

- Developed a full-stack web application using **React.js**, **Node.js**, and **MongoDB** for data management.
- Integrated real-time features with WebSockets and implemented secure user authentication using JWT.
- Deployed the application using Docker and AWS EC2, ensuring scalability and high availability.

### **PROJECTS**

• Smart Expense Tracker App — React.js, TypeScript, GraphQL, Apollo Client

Feb 2025 - Mar 2025

Full-stack app to track and manage personal expenses with secure login and API integration.

- Developed 20+ GraphQL queries and mutations to manage users, expenses, and categories.
- Improved API response time by 40% through schema optimization and Apollo Client caching.
- Processed over 300+ expense entries in testing with accurate CRUD and category filters.
- Secured private routes with JWT-based login; tested auth flow across 10+ user scenarios.
- Automated monthly summaries via cron jobs; reduced manual logging by 90%.

• Hirebase – Job Board SaaS – Next.js, TypeScript, Prisma, PostgreSQL

Mar 2025 - Apr 2025

 ${\it Job\ platform\ with\ multi-role\ access,\ secure\ payments,\ and\ automated\ job\ lifecycle\ management.}$ 

- Built full user authentication with Google and GitHub OAuth for job seekers and recruiters.
- o Integrated Razorpay for job post payments with 3 pricing tiers and webhook-driven automation.
- Improved job page performance by 45% using pagination, React suspense, and server components.
- Automated job expiration and email alerts using Inngest; cut manual moderation by 50%.
- **Implemented** custom rate limiting and **Arcjet** middleware, preventing 10+ simulated XSS and injection attempts.

#### SKILLS

- Programming Languages: C++, Go, Python, SQL, JavaScript
- Cloud & DevOps: AWS (EC2, RDS, S3), Docker, GitHub Actions, CI/CD
- Backend & APIs: GraphQL, REST APIs, Node.js
- Databases: MySQL, MongoDB, Redis, PostgreSQL
- Version Control: Git, GitHub

## CERTIFICATIONS

• The Bits and Bytes of Computer Networking – Google (Coursera)

Dec 2023

• Foundations of Cyber Physical Systems – NPTEL (IIT Madras)

Aug 2024

#### ACCOMPLISHMENTS

• Winner (Top 5) – 1st Industrial Conclave Project Award, VIT Bhopal University

Aug 2024

- Achieved Top 5 Winner position among 100+ teams for developing a Cyber Physical Systems solution.
- o Recognized as "Best Project in Cyber Physical Systems" at university-level competition.