PRATEEK PATEL

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Career Objective

Computer Science undergraduate with a strong command of Data Structures (600+ problems solved) and Full-Stack Development. Experienced in architecting real-time, AI-integrated web applications using React, Node.js, and Supabase.

Technical Skills

Fundamentals: Data Structures & Algorithms, Operating System, Software Engineering, Object Oriented Programming
Languages: C++, JavaScript, HTML, CSS
Frameworks & Tools: React.js, Tailwind CSS, React Router, Clerk, Git, GitHub, VS Code
Professional Skills: Problem Solving, Leadership, Teamwork, Adaptability

Projects

Foyer - AI-Native Medical Receptionist | GitHub | Live Demo   *Feb 2026*

- **Architected** a real-time voice AI agent using **Retell AI** and LLMs, achieving low latency for natural, human-like patient conversations.
- **Engineered** a real-time synchronization engine using **Supabase Webhooks** to instantly update patient dashboards during active calls.
- **Developed** an automated scheduling and triage interface, effectively replacing manual front-desk workflows.
- **Tech Stack:** React.js, Node.js, Supabase, Retell AI, Tailwind CSS, Vercel.

Project Management Platform | GitHub | Live Demo   *Dec 2025*

- Built a multi-tenant dashboard using the **PERN stack**, enabling secure organization management and invites via **Clerk**.
- Engineered real-time task tracking with priority filtering, status updates, and collaborative commenting features.
- Implemented automated email notifications for task assignments and deadlines using **Inngest** and **Nodemailer**.
- **Tech Stack:** React.js, Node.js, Express.js, PostgreSQL(neon), Prisma, Clerk, Inngest, Tailwind CSS, React Router.

Job Portal Platform | GitHub | Live Demo   *May 2025*

- Engineered a full-stack job board with Clerk authentication, securing routes for Admins, Recruiters, and Applicants.
- Integrated Supabase for real-time data storage and built dynamic filtering for instant job search and sorting.
- Designed a responsive, high-performance UI using Tailwind CSS and shadcn/ui components.
- **Tech Stack:** React.js, Supabase, Clerk, Tailwind CSS, shadcn/ui, React Router.

Achievements & Extracurricular

- **Rank Holder:** Achieved Global Contest Rank **231** (CodeChef), and **College Rank 3** (Codolio).
- **Hackathon Participant:** Built "Eagle Vision" (AI Intrusion Detection) at HackByte 2.0 (IIITDM) and competed in NexHack at Geeta University.
- Solved **600+ coding problems** across diverse platforms with consistent participation and Completed **A2OJ ladder** 100 Questions Sheet on **Codeforces**.
- Achieved **1500+ rating** on **LeetCode** and a **2-Star** coder on **CodeChef**.
- **Profiles:** LeetCode | CodeChef | CodeForces | Codolio

Education

Gyan Ganga Institute of Technology and Sciences, Jabalpur   *2022 – 2026*
Bachelor of Technology, Computer Science - CSIOT   *Grade: 7.04 / 10*

Certifications

- **Cisco Certified Network Associate (CCNA)** Course Series - Cisco Networking Academy.
- **Cybersecurity Essentials -** Cisco Networking Academy.
- **Web Technology Fundamentals -** Cisco Networking Academy.