

Pratham Sharma

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EDUCATION

Parul University

Masters in Computer Application, Cloud Computing – CGPA: 8.4/10

Vadodara, Gujarat

June 2024 – May 2026

Parul University

Bachelors in Computer Application, Blockchain – CGPA: 8.4/10

Vadodara, Gujarat

June 2021 – May 2024

EXPERIENCE

CybHop Tech LLP

Web Development Intern

Remote, Chandigarh, India

Dec 2023 – June 2024

- **Engineered** and **launched** responsive front-end interfaces for **2+** enterprise web applications using HTML/CSS and JavaScript, achieving **99% cross-browser compatibility** and improving page load speeds by **15%**.
- Integrated backend APIs with frontend components, multi-parameter product filtering system that improved search efficiency and reduced user task completion time by an estimated **20%**.
- Enhanced user experience through dynamic content rendering, increasing engagement and retention.
- Collaborated in Agile sprints, contributing to full-stack development tasks and peer code reviews.

PROJECTS

TripTales India / Next, React, Typescript, Node, MongoDB, OpenAI Model/ [Live-Link](#)

Aug 2025 – Oct 2025

- Developed a full-stack travel platform from scratch using Next.js, React, and MongoDB, curating a content database of over **250+ unique destinations** and **12+ cinematic locations**, leading to a comprehensive resource for Indian tourism.
- Engineered a proprietary **AI-powered trip planner** with the **OpenAI API**, reducing user planning time from hours to under **2 minutes** by delivering complete, custom itineraries via a real-time streaming interface.
- Improved API performance and scalability by integrating **Redis caching** (Upstash), achieving a **~70% reduction** in server response time for cached routes and decreasing database queries by over **80%** for popular destinations.
- Designed and implemented a dual-stream monetization strategy by integrating **Razorpay** for a subscription service (with logic for **5 free trials**) and configuring **Google AdSense**, establishing two distinct revenue funnels for the platform.

Real-time Stock Sentiment Analyzer / React, Express, Node, MongoDB / [GitHub](#)

May 2025 – June 2025

- Developed a real-time Indian stock sentiment web application using the MERN stack (MongoDB, Express.js, React.js, Node.js), enabling users to access live stock prices with integrated market sentiment analysis.
- Implemented custom sentiment analysis algorithms layered on third-party APIs, improving sentiment accuracy by approximately 15% compared to baseline API output.
- Optimized client-side performance by integrating Zustand for state management and Redis caching, reducing API load by 40% and improving response times.
- Designed and deployed interactive data visualization features, including price vs. sentiment comparison graphs, allowing users to seamlessly explore historical trends and real-time market behavior.

AWARDS & CERTIFICATIONS

Top 350 - Odoo Hackathon: Shortlisted for final round of Odoo Hackathon 2025 out of 19,000+ teams from all over India.

250+ DSA Problems Solved: Solved over 250 DSA problems on LeetCode & GeeksforGeeks.

Web Development Bootcamp - 2023: Certified in Web Development by Udemy.

TECHNICAL SKILLS

Languages: C/C++, JavaScript, PHP, HTML/CSS, SQL

Databases: MySQL, MongoDB

Frameworks & Technologies: React, Node.js, Express.js, Next.js, Bootstrap, Tailwind, REST API, Redis, Zustand

Developer Tools: Git, VS Code, Google AdSense