Ravi Patel

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🌐 Portfolio

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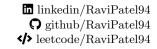
Summary

Motivated engineering student with a strong passion for web development, UI/UX design, and emerging technologies in Artificial Intelligence and Data Science. Experienced in building responsive, user-centric web applications from concept to deployment. Actively refining skills through hands-on projects, with a focus on modern frontend frameworks and performance-optimized solutions.

Education

Thakur College of Engineering and Technology   **2026**
B.Tech in AI&DS   *8.18 CGPA*

Holy Cross English High School   **2020**
SSC   *86%*

Work Experience

Vighnotech   **Feb 2025 – June 2025**
Frontend Developer Intern   *On-site*
- Developed lightweight, SEO-optimized, and user-friendly websites using Next.js, TypeScript, and Tailwind CSS
- Contributed to ERP software development by building reusable frontend components such as dynamic data tables, interactive forms, and email integration features to streamline workflows.
- Enhanced website performance and user experience by optimizing code structure, implementing lazy loading, and improving Lighthouse scores across multiple projects.
- Designed and implemented responsive landing pages and blog templates for internal software tools, resulting in increased user interaction and conversion rates.

Projects

WebGames | *ReactJS, TailwindCSS* | 🔗 | 🌐
- Engineered a dynamic gaming platform featuring multiple mini-games with retro themes and immersive sound effects.
- Integrated Clerk authentication system with dynamic point tracking and secure protected routing.
- Implemented fully responsive design principles ensuring optimal user experience across all devices.

UrStore | *ReactJS* | 🔗 | 🌐
- Engineered a comprehensive e-commerce platform with a focus on accessibility and modern design principles.
- Implemented robust routing system with dynamic data handling and responsive design patterns.
- Designed an intuitive user interface optimized for enhanced shopping experience.

BookCircle | *ReactJS, TailwindCSS, Rest API* | 🔗 | 🌐
- Developed an innovative e-commerce platform for pre-owned books, promoting sustainability in reading.
- Integrated Google Rest APIs for dynamic data management with sophisticated user preference filtering.
- Implemented a clean UI/UX design with cross-device compatibility and a standard profile page for users to manage their information and activity.

NewzVerifier | *Python, HTML, CSS, JavaScript* | 🔗 | 🌐
- Created an advanced Flask-based application for fake news detection utilizing logistic regression and TF-IDF vectorization.
- Developed an intuitive user interface featuring dynamic result display and a complementary browser extension.

Leadership & Involvement

- Produced educational technical concept videos for Shastra Coding Club & S4DS Club, combining engaging narration with visuals.
- Served as lead editorialist for Pragyaan (Department magazine), managing content creation and student story development.
- Successfully qualified for the college-level Smart India Hackathon, leading website development and UI/UX efforts.
- Attended Python and AI workshops at IIT Bombay and TCET (Multicon-W).

Technical Skills

Languages: Java, JavaScript, TypeScript, Python, HTML, CSS
Frameworks/Libraries: ReactJS, Next.js, Tailwind CSS, Flask
Tools: Git, GitHub, VS Code, Figma, MYSQL, MongoDB, Vercel, Netlify, Canva, Power BI
Creative and Soft Skills: UI/UX Design, Video Editing, Photo Editing, Poetry, Sketching