Ravi Patel

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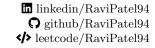
Summary

Engineering student passionate about **Web Development**, **UI/UX Design**, and emerging fields in **AI and Data Science**. Skilled in crafting responsive, user-focused apps using modern frameworks, with a keen eye for design and performance optimization.

Education

Thakur College of Engineering and Technology   **2026**
B.Tech in Artificial Intelligence and Data Science   *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 Enterprise Resource Planning softwares 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

- Contributed to **Hacktoberfest 2024** with **5+ merged PRs**, showcasing collaborative open-source development and Git workflows.
- Solved **150+ Data Structures and Algorithm** questions using Java language.
- 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