Ravi Patel

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Education

Thakur College of Engineering and Technology

B. Tech in Artificial Intelligence and Data Science

8.19 CGPA

2026

On-site

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

Work Experience

Vighnotech Feb 2025 – June 2025

Frontend Developer Intern

• 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.
- Implemented optimized landing pages and blog templates resulting in increased user interaction and conversion rates.

EliteTech Dec 2024 – Jan 2025

Frontend Developer Intern

Remote

- Built responsive websites with **ReactJS** and **TailwindCSS**; designed user-friendly and visually appealing.
- Implemented frontend components, layouts, and performance optimizations for diverse projects.

Projects

WebGames | ReactJS, Vite, Clerk, TailwindCSS | GitHub | Live

- 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.

BookCircle | ReactJS, TailwindCSS, Rest API | GitHub | Live

- 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.

UrStore | ReactJS, Vite, Botpress | GitHub | Live

- 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 and a chatbot for users help.

NewzVerifier | Python, HTML, CSS, JavaScript | GitHub | Live

- 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).