

Yash Patil

Building Intuitive Frontends | Driving Insights with Data | Passionate about Web Analytics

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SUMMARY

I am Yash Patil, a motivated Computer Engineering student with interests in Data Analysis, Software Development, Frontend Engineering, and UI/UX Design. Skilled in HTML, CSS, JavaScript, React.js, Python, and Figma, I build responsive web applications and extract insights from data. Known for creative thinking, problem-solving, and a strong desire to contribute to innovative teams.

WORK EXPERIENCE

Cognizance, IIT Roorkee

Web Development Internship

Oct 2024 - Dec 2024

- Cognizance, IIT Roorkee, in collaboration with Teachnook, conducted a structured program covering fundamental to advanced concepts of web development, including **HTML, CSS, JavaScript, React.js, backend integration, and UI/UX design principles**.
- Participants gained hands-on experience in building **responsive and dynamic websites**, working on real-world projects to enhance their practical skills.

L & D Infotech PVT LTD

Python Internship

July 2022 - Aug 2022

- Utilized internship to refine problem-solving skills, Python programming expertise, and software development best practices, resulting in a 30% increase in coding efficiency and laying groundwork for future backend development opportunities.

Walmart Global Tech by Forage

Advanced Software Engineering Job Simulation (Virtual Internship)

jun 2024 - Present

- Completed the Advanced Software Engineering Job Simulation where I solved difficult technical projects for a variety of teams at Walmart.
- Developed a novel version of a heap data structure in Java for Walmart's shipping department, showcasing strong problem-solving and algorithmic skills.

EDUCATION

Deccan Education Society Pune University, Pune

Bachelor of Technology

Feb 2024 - Present

The Shetkari Shikshan Mandal BHIVARABAI SAWANT COLLEGE OF ENGINEERING AND RESEARCH Polytechnic narhe, Pune.

Diploma in CSE - 70.97

Aug 2020 - Jun 2023

PROJECTS

Student Admission Management System

- Designed and developed a responsive admission management system using **React.js, Tailwind CSS, and Firebase**. Created an **intuitive user interface (UI)** with **modern design principles**, ensuring **smooth navigation and accessibility**. Optimized layout for **mobile responsiveness** and implemented a **user-friendly form validation system**.

Python Language Translation [↗](#)

- Developed a **language translation application** using **Python (Google Translate API)**, **HTML**, and **CSS** to enable real-time translation between multiple languages. Implemented an **intuitive user interface (UI/UX)** for seamless interaction. Optimized the application for **cross-browser compatibility and responsive design**. Integrated **error handling mechanisms** for accurate translation results.

Unit Converter [↗](#)

- Designed an interactive **Unit Converter** with a **visually engaging UI**, incorporating **CSS animations and responsive design**. Developed with **JavaScript**, **HTML5**, and **CSS3**, ensuring **seamless user experience** across devices. Enhanced usability by integrating **real-time input validation and dynamic results display**.

Real-Time-Sign-Language-Translator [↗](#)

- Developed a **real-time sign language interpretation system** using **Python**, **OpenCV**, and **MediaPipe** to detect and translate hand gestures into speech via **pyttsx3**. Implemented **computer vision algorithms** to track hand movements and identify predefined gestures. Enhanced **accessibility and human-computer interaction** by converting gestures into meaningful sentences. Designed a **customizable response system** to support multiple gestures. Optimized for **real-time performance and seamless user experience**, benefiting individuals with hearing or speech impairments.

SKILLS

- **Front-End Technologies:** React.js, JavaScript, HTML, CSS, Bootstrap
- **API Integration:** JSON.
- **UI/UX & Responsive Design:** Figma, Adobe XD, Material UI, Responsive Web Design, Cross-Browser Compatibility
- **Development Tools:** Git, GitHub, VS Code.
- **Additional Technologies:** Python, OpenCV, MediaPipe

CERTIFICATION

Build a computer vision app with Azure Cognitive Services [↗](#)

Web Development [↗](#)

Digital Skills : Web Analysis By Accentures [↗](#)

Deloitte Australia Data Analytics Job Simulation on Forage [↗](#)

LANGUAGES

English (Fluent)

Hindi (Fluent)

Marathi (Native)