

VARDHMAN PATEL

Independent Developer

Navsari, Gujarat 396445, India | Phone: +91 9104662651 | Email: patel.vardhman.official@gmail.com

LinkedIn: [linkedin.com/in/vardhman-patel](https://www.linkedin.com/in/vardhman-patel)

PROFESSIONAL SUMMARY

B.Tech Information Technology student with hands-on experience in frontend web development using React.js, Next.js, TypeScript, JavaScript, and Tailwind CSS. Completed a one-month Frontend Development internship at Wappzo Infotech Private Limited. Built independent projects spanning IoT systems, Linux systems programming, and automation scripting. Working knowledge of Python, machine learning fundamentals, and cybersecurity basics, with strong analytical and problem-solving skills.

SKILLS

Programming Languages: **JavaScript, TypeScript, Python, Bash/Shell Scripting**

Frontend Technologies: **React.js, Next.js, HTML, CSS, Bootstrap, Tailwind CSS**

Tools and Platforms: **Git, GitHub, Linux, Command-Line Tools**

Other Skills: **IoT Systems Development, Machine Learning Fundamentals, Cybersecurity Fundamentals, Blender 3D Modeling**

WORK EXPERIENCE

Frontend Development Intern

Wappzo Infotech Private Limited, Mumbai, India

May 2026 to June 2026 (1 Month)

- Worked as part of the Frontend Team, developing and maintaining web application interfaces using HTML, CSS, Bootstrap, JavaScript, TypeScript, and Tailwind CSS.
- Collaborated with team members and mentors on real production tasks using Git and GitHub for version control.
- Developed strong analytical, problem-solving, and communication skills while adapting to a fast-paced, dynamic work environment.
- Received formal completion certificate acknowledging technical understanding, dedication, and professional attitude.

PROJECTS

Smart Mirror IoT ([GitHub Repo](#))

- Built an IoT-based smart mirror that functions as a reflective surface and interactive hub, displaying real-time weather and news updates using IoT hardware integration and real-time data APIs.

Linux FaceID ([GitHub Repo](#))

- Developed a custom Linux PAM (Pluggable Authentication Module) enabling biometric Face ID authentication for sudo commands and the GDM lock screen.
- Implemented blink-based liveness detection to prevent photo spoofing, using OpenCV and Dlib for facial recognition.

Linux Auto Update Script ([GitHub Repo](#))

- Designed and built a Bash script that automates checking for and applying system updates on Linux systems, reducing manual maintenance effort.

Dotify (Image Modifier) ([GitHub Repo](#)) [Live Demo](#)

- Co-Maintainer of a deployed and actively maintained image editing web application that converts standard images into a halftone dotted pattern, inspired by Nothing Phone design aesthetics.

EDUCATION

Bachelor of Technology (B.Tech), Information Technology

Uka Tarsadia University, Bardoli, Gujarat, India

Higher Secondary Education (12th Grade)

Ashramshala Bhaktashram, Navsari, Gujarat, India