

# Vaibhav Raj

+918102153469 ◇ vaibhavtiwary7766@gmail.com ◇ [LinkedIn](#) ◇ [GitHub](#) ◇ [Portfolio](#)

## SUMMARY

---

**Computer Science graduate** with a strong interest in **Full Stack Web Development, Java, and Spring Boot**. Experienced in building real-time web apps using the **MERN stack**, developing **RESTful APIs with Spring Boot**, and writing basic **Python scripts** for automation and data scraping.

## SKILLS

---

**Programming Languages** Java, JavaScript, Python  
**Frontend Development** ReactJS, Tailwind CSS, daisyUI, Material UI  
**Backend Development** Spring Boot, NodeJS, ExpressJS  
**Databases** MongoDB, My SQL  
**API Development** RESTful APIs, Postman  
**DevOps & Tools** Git, GitHub, Docker, Render  
**Others** Vite, Maven, Nginx

## EXPERIENCE

---

### Full Stack Developer Intern

Jun '24 — Aug '24

EXTION INFOTECH

- Virtual Internship as a Full Stack Developer at Extion Infotech

## PROJECTS

---

### Employee Portal [Link](#)

- Built and deployed a full-stack HR dashboard using **Spring Boot (Java), React.js, and MySQL**, enabling CRUD operations for employee records.
- **Dockerized** the frontend and backend as separate containers and deployed them on **Render** with an external MySQL database connection.
- Implemented **RESTful APIs** in Spring Boot with **Hibernate** and **JPA**, and integrated them into the React frontend via **Axios** for seamless communication.
- Configured **CI/CD** workflow using **Git** and Render's Docker-based build pipelines to ensure smooth and **containerized deployment**.

### Whisper - A Real-Time Chat Web App [Link](#)

- Developed a real-time chat app using **MERN stack, Socket.io, Zustand, Tailwind CSS, and DaisyUI**.
- Implemented **RESTful APIs** for user authentication and messaging, and tested them using **Postman** for API testing and debugging.
- Built frontend with **React** and implemented state management with **Zustand**.
- Enabled real-time messaging and status updates using **Socket.io**.
- Styled the app using **Tailwind CSS** and **DaisyUI** & deployed to **Render** for scalability.

### UpMate - Job Automation Tool [Link](#)

- Built an automated job scraper using **Node.js** and **Selenium WebDriver** to extract freelance listings from Upwork based on keywords.
- Integrated **Google Sheets API** to store job data, prevent duplicates, and auto-update sheets dynamically.
- Implemented bot evasion using **Brave browser** with custom user-agent, and structured code for easy scalability across platforms and keywords.

## ACHIEVEMENT

---

**Team Leader** of a qualified team in Smart India Hackathon (**SIH-2023**) at the college level, leading project development and coordination.

## EDUCATION

---

**Bachelor of Engineering in Computer Science and Engineering**, Sant Longowal Institute of Engineering and Technology (GPA: 9.1) 2022 — 2025 India

**Diploma in Computer Science and Engineering**, Sant Longowal Institute of Engineering and Technology (GPA: 9.56) 2019 — 2022 India