Vaibhavi Kharawane

Software-Developer

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Software Developer skilled in the **MERN stack** and **Advanced Java**, with hands-on experience in developing full-stack web applications. Proficient in **React, Node.js, Express.js, MySQL, and MongoDB**, and familiar with **Python** for scripting and automation. Strong problem-solving mindset with a focus on building **secure, efficient, and user-friendly** solutions that deliver real value.

Education

Pursuing B.Tech in Computer Science and Engineering :   *November 2022 - Present*
Walchand Institute of Technology ,Solapur |**CGPA : 9.05**

Skills & abilities

Programming Languages: Python, Java, Javascript, TypeScript.
Libraries/Frameworks: HTML5, CSS3, Tailwind CSS, React.js, Node.js,Express.js, Next.js.
Tools / Platforms: Git,GitHub, Windows, Linux(Ubuntu).
Databases: MySQL, MongoDB.
Relevant Coursework: Data Structures and Algorithms, Machine learning, Data science.
Soft Skills: Communication, Collaboration, Critical Thinking, Adaptability, ProblemSolving

PROFESSIONAL EXPERIENCE

Software Development Intern   February 2025–April 2025
Infosys
- Built a MERN stack web app for real-time stock tracking,reducing manual errors by 30%.
- Implemented role-based access control and automated low-stock alerts, cutting stockouts by 25%.
- Developed a dynamic sales & inventory dashboard, improving reporting speed by 40%.

Machine Learning Intern   February 2025 – March2025
Microsoft & SAP CSR Initiative
- Engineered a Python-based Personal Fitness Tracker, integrating ML features and improving activity tracking accuracy by 25%.
- Leveraged TensorFlow and Streamlit for model deployment and optimization,reducing load time by 30%.
- Deployed the model via Streamlit and documented the project on GitHub.

Projects

1. **Foodies Fiesta**
   Built a responsive React front-end for a restaurant reservation system with real-time booking features.
   Integrated API calls and state management to handle reservations and display live availability.
   Optimized UI/UX for mobile and desktop,reducing page load time by 30% and improving user satisfaction.
2. **Fire NOC**
   Engineered a prototype using HTML, CSS, and JavaScript with an interactive and intuitive design.
   Designed a visually engaging front-end interface, improving prototype usability by 30%.
   Independently created and documented the project on GitHub (FIRENOC).
3. **Flight Booking System**
   Developed a seat booking system with real-time availability checks, preventing duplicate reservations.
   Implemented a clean, user-friendly GUI using Java Swing, improving user interaction efficiency.
   Applied OOP principles for scalable and efficient system architecture; project available on GitHub

Certificates

- Google Cloud
- Google Gemini
- Power BI Hackathon
- Git Github WorkShop

Achievements

- Runner-up in Inter-College Volleyball Tournament
- Participated in **Smart India Hackathon**