

TISHA MAHATO

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EDUCATION

Vellore Institute of Technology

B.Tech - Computer Science and Engineering Specialization in Cyber Security and Digital Forensics

Bhopal, MP

2021 - 2025

St Mary's English High School

Intermediate: Pure Science

Jamshedpur, Jharkhand

2020 - 2021

TECHNICAL SKILLS

Languages: JAVA, Python, HTML, CSS, ReactJS, MySQL, C++, MongoDB

Core Subject Familiarity: Object-Oriented Programming, Database Management Systems (DBMS), Operating Systems (OS)

EXPERIENCE

Frontend Developer

Microsoft Technical Club

June 2022 - June 2024

- Developed a dynamic event registration page using HTML, CSS, and JavaScript, enabling seamless participant sign-ups for various technical events during AadVitya, the college fest.
- Collaborated with the Microsoft Technical Club team to enhance user experience and optimize the frontend for better performance and responsiveness.

PROJECTS

NGO Portal design | HTML, CSS, JavaScript

- Developed a NGO Portal to connect donors and individuals in need, facilitating seamless blood donation and medical support.
- Integrated medical facilities and services within the portal, enabling users to access essential healthcare resources alongside blood donation features.
- Designed a responsive and user-friendly interface with ReactJS, Redux, and Axios, ensuring smooth navigation and accessibility across devices.

Smart Review Detection Extension | Python, Machine Learning

- Developed a machine learning-based solution to detect fake reviews in real time, leveraging models like LSTM, Random Forest, DistilBERT, LightGBM, and SGD.
- Collected and preprocessed a dataset of 10,091 reviews (5,091 genuine, 5,000 AI-generated) across ten product categories, ensuring high-quality input for model training.
- Achieved an AUC score of 0.994 with the LSTM model, demonstrating the system's high accuracy in distinguishing between real and AI-generated reviews.

CERTIFICATIONS

- AWS Solutions Architect Associate (February 2024) - Certified expertise in designing scalable and secure cloud architectures.
- Salesforce Developer Virtual Internship (July - August 2024) - Hands-on experience with Salesforce platform development and cloud-based CRM solutions.
- Android Application Development - SmartInternz (November 2023) - Specialized in UI/UX design, performance optimization, and mobile application security.

EXTRACURRICULAR AND ACHIEVEMENTS

- Technical Writing: Published articles on GeeksForGeeks with 2k+ views, demonstrating expertise in knowledge sharing and complex problem articulation.
- GFG Daily Challenge: Winner of the 21-Day-Coding Challenge by Deutsche Bank and GeeksforGeeks, recognizing excellence in coding skills, problem-solving, and innovation.