Jyoti Mahato

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EDUCATION

University College of Engineering and Technology (UCET),VBU *Hazaribagh, Jharkhand*
                                    August 2023-June 2027

B.E in Computer Science   8.17(cgpa)

SKILLS

Programming Languages :C++,Java, Javascript

Web Technology:HTML,CSS, Javascript,Rest API,Web Speech API,DOM manipulation

PROJECTS

1. SpeakShop – Voice-Enabled E-Commerce Platform

Tech Stack: HTML, CSS, JavaScript, Speech Recognition API, REST API, One-Click Payment

GitHub: https://github.com/jyotimahato-12/speakshop

Description:Built a voice-controlled shopping website to streamline the customer experience by reducing time spent on traditional search and navigation.

Integrated speech recognition for product browsing, cart management, and checkout processes.

Implemented one-click payment functionality for smooth and fast transactions.

Ensured responsive design and seamless UX across devices using HTML/CSS and vanilla JS.

Took ownership of the entire development cycle — from idea to deployment — reflecting strong initiative and end-user empathy.

2. **CloudAlertWala – Smart Flood Path Avoidance System**

Tech Stack: HTML, CSS, JavaScript, REST APIs

GitHub:

https://github.com/jyotimahato-12/floodalert

Description:Developed a platform to alert users about potential flood-prone routes using real-time data and suggest safer alternatives.

Used external flood-mapping APIs to fetch and display flooded zones dynamically.

Designed a simple and accessible UI for quick decision-making during emergencies.

Focused on safety, awareness, and minimizing risk using smart geolocation and alert logic

ACHIVEMENTS

- Certified in Data Structures and Algorithms (Intermediate)
- Successfully completed HackeRank's certification Test demonstrating core proficiency in DSA
- Participated in Sparkathon – Converge   2025, Walmart Global Tech's open innovation challenge; gained experience in real-world problem solving and collaborative ideation.