TRISHA MANDAL

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Portfoliotrishamandal

EDUCATION

BTech (IoT, CYS, BCT)→ University of Engineering and Management Kolkata   2026
CGPA:8.12(Upto 5TH Semester)

Class 12 WBBSE→ Tehatta High School   2022
Marks: 84.33%

Class 10 WB WBBSE→ Tehatta Sridam Chandra Balika Vidyalaya   2020
Marks: 84.8%

SKILLS

- **Programming Languages:** Python, C++, JavaScript
- **Web Development:** HTML, CSS, React
- **Database Management:** MySQL
- **Cybersecurity & Networking:** Cybersecurity, Networking
- **Cloud Computing:** Cloud Computing

PROJECTS

- **Resume Categorisation** This project automates resume screening and candidate matching using ML algorithms like Logistic Regression (99.48 percent accuracy), SVM, Random Forest, and KNN, leveraging NLP for feature extraction. It ensures unbiased evaluations, improves job matching, supports multiple CV formats, and integrates seamlessly with HR tools for efficient recruitment.

- **Health Vision AI** This project stands out as a cutting-edge platform that integrates Python, Streamlit, Convolutional Neural Networks (CNNs), and deep learning models. It offers advanced diagnostic capabilities for detecting six types of diseases, including Tuberculosis, Lung Cancer, and Pneumonia, by analyzing X-rays and other medical imagery. The app's intuitive interface ensures seamless user experiences, while its machine learning-backed predictions deliver fast, reliable, and accessible healthcare solutions.

- **Voice ASSISTANT:** A Python-based terminal voice assistant using speech-recognition and pyttsx3 for speech-to-text and text-to-speech. It performs tasks like playing YouTube videos, fetching time and date, Wikipedia summaries, and telling jokes, showcasing a foundational approach to voice-driven applications.

EXPERIENCE

Goldman Sachs's Software Engineering (Forage) - Virtual Internship   2024
Completed a job simulation focused on software engineering
for Goldman Sachs's technology team.

Tata Group Cybersecurity Analyst (Forage) - Virtual Internship   2024
Completed a job simulation focused on cybersecurity for Tata Group's security team.
Analyzed and identified potential vulnerabilities within a simulated network environment.

CERTIFICATIONS

- Google Foundation of cyber security
- Google Manage security Risk
- Google Manage security Risk
- Agile Project Management Certifications
- Cybersecurity Awarness badges winner

HOBBIES & INTERESTS

- Listening to Music & Singing
- Learning about new Technologies