

# Trisha Mandal

trishamandal462@gmail.com | LinkedIn | GitHub | Portfolio

## EDUCATION

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### University of Engineering and Management, Kolkata

Kolkata, India

*IoT, Cybersecurity, and Blockchain Technology in Computer Science*

2022 – 2026

- CGPA: **7.7/10.0** (Upto 5TH Semester)

### Tehatta High School

WB, India

*Class 12 WBBSE*

2020 – 2022

- Percentage: **84.33**

### Tehatta Sridam Chandra Balika Vidyalaya

WB, India

*Class 10 WB WBBSE*

2020

- Percentage: **84.8**

## PROJECTS

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### Resume Categorisation

- Tools & Technologies: Python, Streamlit, scikit-learn, TF-IDF, PyPDF, Pandas, Pickle.
- Developed an AI-powered application to automatically categorize resumes into relevant job roles such as Python Developer etc., using machine learning classification models.
- Built a user-friendly web interface using Streamlit to allow HR teams and users to upload multiple resumes, view predictions, and download categorized results as a CSV.

### Instagram Reach Forecasting

- Tools & Technologies: Python, Streamlit, SARIMA and Pandas
- Developed a time-series forecasting model to predict Instagram post reach, helping content creators optimize publishing time and strategy. Utilized historical reach data for training and evaluation .

### PDF Genius: Empowering Document Interaction with AI Chatbot

- Tools & Technologies: Python, Flask, React JS, MySQL, llama-2
- Developed a chatbot capable of processing and extracting information from PDF documents using natural language processing techniques. Integrated a user-friendly UI using React JS to enhance document interaction.
- Implemented search history functionality to allow users to track previous queries and easily revisit important documents.

## SKILLS

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- **Programming Languages:** Python, C++
- **Databases & Cloud Technologies:** MySQL, Google Cloud Platform
- **Cybersecurity:** Cybersecurity, Linux, Network Security, Web Security
- **Tools:** Git, Github, VS code
- **Web Technologies:** HTML, CSS, Tailwind CSS, React, JavaScript
- **Coursework:** Data Structures and Algorithms, Database Management Systems, Computer Networks, Operating Systems, Machine Learning

## CERTIFICATIONS

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- Microsoft-AI Skills Fest Challenge 2025
- Tata Group - Cybersecurity Analyst Job Simulation 2024
- Google Foundation of cyber security 2024

## ACHIEVEMENTS

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- Top 6% in **Tryhackme**.
- Solved 500+ problems on Leetcode and GeeksForGeeks.
- Web Developer Of Ureckon2025 **Ureckon'25**.