

TRISHA MANDAL

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OBJECTIVE

Computer Science and Engineering Student seeking an Internship position to continue developing my skills and applying the knowledge I have learnt through my studies.

EDUCATION

Bachelor of Technology in Computer Science and Engineering (IoT, Cybersecurity and Blockchain Technology), University of Engineering and Management Kolkata Expected 2026

Class 12 CBSE, Kendriya Vidyalaya No. 1 Saltlake 2022

Subjects: Computer Science, Physics, Chemistry, Mathematics, English

Marks: 71.2%

Class 10 CBSE, Kendriya Vidyalaya No. 1 Saltlake 2020

Subjects: Science, Mathematics, Social Science, Sanskrit, English

Marks: 83.8%

EXPERIENCE

DevSecOps Engineer Started on June 2023
PepHub Remote

- Worked on Deployment and Configuration of Projects on multiple Cloud Environments.
- Worked on building Secure CI/CD Pipelines.
- Built the [PepHub Consultancy Website](#).

SKILLS

- **Platforms:** Linux, Windows & macOS
- **Frontend & UI/UX:** HTML, CSS, JS, React, Next & Figma
- **Backend:** Python, FastAPI, Node & Express
- **Database:** MySQL/MariaDB & MongoDB
- **DevOps:** Git & GitHub, Docker, Docker Compose & Kubernetes
- **Cloud Computing:** Google Cloud Platform
- **IoT:** Arduino, Raspberry Pi & Node-RED

PROJECTS

- **Speech To Text API:** Built an Open Source Speech To Text API using Python, FastAPI and OpenAI's Whisper v2 Model from HuggingFace Transformers.
- **Smart Parking System:** Built an Open Source Parking System that updates status of parking slot availability in realtime and displays into a website, made using Raspberry Pi, Node JS, Express JS and React JS.
- **Biometric Attendance Management System:** Built an Open Source Attendance Management System with an Admin Console that uses Fingerprint Biometrics to collect Attendance.

HOBBIES & INTERESTS

- Listening to Music
- Learning about new Technologies

CERTIFIED COURSES

- [Google Cloud Study Jams](#)
- [Google Cloud Platform](#)