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 WBBSE, Tehatta High School   2022

Subjects:	Biology, Physics, Chemistry, Mathematics, English, Bengali
Marks:	84.33%

Class 10 WB WBBSE, Tehatta Sridam Chandra Balika Vidyalaya   2020

Subjects:	Science, Mathematics, bengali, Geography, History,English
Marks:	84.8%

EXPERIENCE

Wev Developer Engineering Student
Freelancer

- Worked on Deployment and Configuration of Projects on multiple Environments.
- Worked on building Secure CI/CD Pipelines.
- [Leetcode 200+ Problems solved](#)

SKILLS

- **Platforms:** Linux, Windows
- **Problem-Solving:** Approach data analysis with a problem-solving mindset, identifying patterns and drawing meaningful conclusions.
- **Frontend & UI/UX:** HTML, CSS, JS, React,TypeScript
- **Data Visulization Tools:** Power BI
- **Backend:** Python,Cpp,Node & Express
- **Database:** MySQL/MariaDB, MongoDB
- **DevOps:** Git & GitHub, Docker, Networking, Cybersecurity
- **IoT:** Arduino(Basic)

PROJECTS

- **GEN_AI:** Built an Open Source Speech-to-Text API using Python.
- **Traking Phone Number:** Created using Python and FastAPI. The API provides efficient tracking of shipment numbers, integrating with various logistics providers to retrieve real-time status updates and delivery information.
- **SoftwareCPE CVEMatcher:** Built an Open Source Attendance Management System with an Admin Console that uses Fingerprint Biometrics to collect Attendance using Python, MariaDB, Raspberry Pi and Fingerprint Sensor.
- **Trafic Detection:** Builtin Python And When the task is to classify a traffic sign, vehicle, or any road-related object from a given image.
- **Fake_News Detection:** Built an Open Source Speech-to-Text API using Python.

FRONTEND PROJECTS

- **STUDY WEB:** Built an Open Source Speech-to-Text API using Python.

- **ONLINE GUN FIGHT GAME:** Created using Python and FastAPI. The API provides efficient tracking of shipment numbers, integrating with various logistics providers to retrieve real-time status updates and delivery information.

- **SUMMER LANDING PAGE:** Built an Open Source Attendance Management System with an Admin Console that uses Fingerprint Biometrics to collect Attendance using Python, MariaDB, Raspberry Pi and Fingerprint Sensor.

- **GYM WEB:** Builtin Python And When the task is to classify a traffic sign, vehicle, or any road-related object from a given image.

- **CAR RACING GAME:** Built an Open Source Speech-to-Text API using Python.

HOBBIES & INTERESTS

- Listening to Music & Singing
- Learning about new Technologies

ACTIVITIES

- **Web Developer at ChesslaBlab:** Team work and Built Website of ChesslaBlab To learn and Play Cless online.

CERTIFIED COURSES

- SIMPLILEARN CLOUD SECURITY

- badges winner

- Certiprof

- Hackerrank