

# TRISHA MANDAL

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## OBJECTIVE

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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

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**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

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### 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

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- **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

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- **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.
- **Traffic 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

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- **STUDY WEB:** Built with React js
- **ONLINE GUN FIGHT GAME:** Built with HTML, CSS, JS.
- **SUMMER LANDING PAGE:** Created with HTML, CSS,JS.
- **GYM WEB:** Built with React.
- **CAR RACING GAME:** Built with javascript.
- **Dine Game:**Built with HTML,css,Js

## HOBBIES & INTERESTS

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- Listening to Music & Singing
- Learning about new Technologies

## ACTIVITIES

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- **Web Developer at ChesslaBlab:** Team work and Built Website of [ChesslaBlab](#) To learn and Play Cless online.

## CERTIFIED COURSES

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- [SIMPLILEARN CLOUD SECURITY](#)
- [badges winner](#)
- [Certiprof](#)
- [Hackerrank](#)