AINDRILA SAHA

| Contact number: +91 8100353594 |

| e-mail: aindrilas882@gmail.com |

| LinkedIn: https://www.linkedin.com/in/aindrilasaha06 |

| Address: 1/H/118B Sarba Khan Road Kolkata-700037 |

ABOUT ME:

A final-year Electronics and Communication Engineering student with a keen interest in web design, web development, and software engineering. Passionate about creating intuitive, visually appealing, and efficient digital experiences, strive to blend creativity with technical expertise. Eager to contribute to innovative projects that merge aesthetic design with robust functionality in modern software solutions.

EDUCATION:

Narula Institute of Technology   Kolkata,India
B.tech(E.C.E); CGPA 8.2(after 5th semesters)   Sept,2022 – present
Holy Child Institute of Girls Higher Secondary School   Kolkata,India
12th Board (WBCHSE) : 87%   Jan,2020 – Mar,2022
Holy Child Institute of Girls Higher Secondary School   Kolkata,India
10th Board (WBSSE) : 92%   Jan,2010 – Feb,2020

EXPERIENCE :

Prodigy Infotech   Mumbai,India
Web Development Intern   Jun,2025 – Jul,2025

PROJECTS :

Countdown Timer Web Application
- Created a responsive Countdown Timer Web App using HTML, CSS, and JavaScript, featuring real-time countdown logic and interactive controls.Demonstrated skills in DOM manipulation, event handling, and JavaScript timing functions, with a clean UI and cross-device compatibility.

Sound-Sync(A music recommendation system)
- Implements a hybrid MRS using TF-IDF cosine similarity and dynamic user profiling for adaptive, context-aware recommendations.
- Streamlit UI integrates Spotipy API with ML pipelines, delivering real-time song suggestions validated via precision-recall metrics.

Brew & Bite(A café management system)(ongoing)
- Modular café system with role-based access, real-time POS sync, and SQL-backed inventory and staff control. Features dynamic UI, sales analytics, and touch-optimized layout for IoT café environments.
- Built using Python, SQLite, and pyttsx3, integrating TTS and scalable database management.

PROFESSIONAL CERTIFICATES

- Cerification of Cyber Job Simulation(23rd Jun,2025) from Deloitte
- Cerification of Data Analytics Job Simulation(23rd Jun,2025) from Deloitte
- Certification of Introduction to Database Systems(Jan-Apr 2025)from NPTEL
- Certification of The Joy of Computing Using Python(Jul-Oct 2024)from NPTEL
- Certification of Data Structures(18th Feb,2024)from UC San Diego
- Certification of Introduction to Electronics(18th Feb,2024)from Georgia Institute of Technology

SKILLS & INTERESTS :

Coding and Markup Languages: C,C++,Python,Java,MATLAB,HTML,CSS,JS, PL/SQL,Oracle 10g,SQL Server 2008
Core Skills: Control Theory,Microcontroller & Microprocessors,VLSI,Digital Signal Processing,Analog & Digital Communication,Digital Electronics,Microwave Theory,Communication System