Arpan Chowdhury

Kolkata, India 700056 — +91 8777240684 — arpanchowdhury003@gmail.com
linkedin.com/in/arpan-chowdhury — github.com/apu52

Summary

Final-year CSE student specializing in data science, skilled in full-stack development, competitive programming, and building real-world tech solutions..

Skills

- Web Development, ReactJS, TypeScript, HTML5/CSS3
- Backend Basics, REST API, MongoDB
- Data Structures & Algorithms (C++, Python)
- UI/UX Design, Git, Agile Development
- Leadership, Mentoring, Open Source Collaboration

Experience

Techno India Group, Kolkata, India
Project Intern   July 2025 – October 2025
Worked on 2 parallel initiatives focused on web development and digital transformation for academic tools.

WebSoftTech, Kolkata, India
Frontend developer Intern   July 2025 – September 2025
Designing dynamic Frontend interface using React Tailwind

Wadhwani Foundation, Kolkata, India
Project Intern   Mar 2023 – June 2023
It is a Entrepreneurship programme where I am developing my business idea skills

Education

Netaji Subhash Engineering College, Kolkata
B.Tech – Computer Science & Engineering
GPA: 8.2 (up to 5th Semester)   **Expected: Jun 2026**

Belgharia High School, Kolkata
Higher Secondary (Science) – 92%   Mar 2022
Secondary (Madhyamik) – 94%   Feb 2020

Projects

HearLink – AI Voice Transcription + Emotion Detection
React, Firebase, Python, TensorFlow
AI-powered platform enabling real-time multilingual speech-to-text, emotion alerts, and smart notes to support inclusive education for deaf and neurodiverse students.
GitHub: github.com/apu52/HEARLINK_FRONTEND_NEW

KrishiConnect – Revolutionizing Agriculture with AI
Jupyter Notebook, TypeScript, Node.js, Hardware Model,ML

AI-powered farming assistant with crop advice, fertilizer tips, disease prediction, weather updates, and market alerts for smarter agricultural decisions.
GitHub: https://github.com/Srinjoy2004/Hack4Bengal-VirtualHacks—AgriSmart.Ai

CardioSense.AI - AI-Powered Heart Disease Prediction System
HTML , CSS , ML , JS , Python
AI-powered heart disease predictor using XGBoost and chatbot support to deliver instant risk scores, Yes/No diagnosis, and personalized health advice.
GitHub: https://github.com/Srinjoy2004/CardioSense.AI$_B$ackend

ElderEase – AI Elderly Care App
Flutter, Firebase, Google Maps API
Won 1st Runner-Up at SPARKHACK. Smart app with fall detection, medication reminder, and emergency alert system.
GitHub: github.com/Mayukh0108/ElderEase

Suraksha Jyoti – AI-powered Conductor Breakage Detection System
ESP32, STM32, IoT Sensors, Edge AI, GSM/LoRa, React, Node.js
Developed for SIH 2025. Low-cost (7k–9k/pole), solar-powered solution that detects snapped LV conductors in real time, cuts supply instantly, and sends GPS alerts via dashboard, mobile app, and citizen SMS/WhatsApp warnings.

Activities & Leadership

- President – GNX Tech Club (CSE, NSEC), Lead – PeerHub Student Chapter

- Community Lead – Noobuild (1.5k+ students), Mentor in 10+ open-source programs

- Competitive Programmer – CodeChef (1625), Leetcode (600+ problems solved)

Achievements

- Winner - HACK4BENGAL 2025

- Winner - Hacksynthesis UEM 2025

- Runner-up – NLP Hackathon and AI Hackathon at IIT KGP 2025

- Runner-up – NSEC X SIH Internal Runners Up 2025

- Runner-up – SparkHack, Jadavpur University 2025

- Top 10 – Pragati META AI Hackathon 2025

- Top Project Admin(Mentor) – SWOC'24, JWOC'24, GSSOC'24

- Global Rank 22 – HACKSQUAD'23

Certifications

SAP — Oracle — Tata Forage — Google Digital Marketing — Microsoft Certified

Languages

English: First Language   **Hindi:** C2 Proficient   **Bengali:** C1 Advanced