



ABHINANDAN MUKHERJEE

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Objective

Being an aspirant with a B.Tech degree in ECE, seeking to expand my knowledge and skill in order to implement them for the betterment of the concerned.

Education

Course / Degree	School / University	Grade / Score	Year
B. Tech in ECE	University: MAKAUT College: Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex	9.22 (CGPA)	2023 (Passed out)
XII	Board: WBCHSE School: Howrah Vivekananda Institution	75%	2019
X	Board: WBBSE School: Howrah Vivekananda Institution	88%	2017

Skills

- Basic Java, concept of OOPs using Java and Java Collection Frameworks(JCF)
- Basic Python(Upto list, set and dictionary), Basic idea on Data Sc and AI fundamentals.
- Concept of DBMS(RDBMS, NoSQL) , Basic SQL commands.
- Cloud computing fundamental, Basic idea on SDLC(Waterfall model, Agile etc.) And Software testing (Unit testing, white and black box etc.)
- Basic Electronics, Mobile and Fiber Optic Communication, Analog and Digital communications etc.

Projects

- **Final Year Project: Health and Location Track for mountaineers and soldiers**
Made three individual modules(1 for soldier/mountaineer, 1 for Squadron leader/Group leader and 1 for Control room/base station) using Arduino UNO, Temp and Pulse sensor, GPS receiver, HC-12RF and LoRa module which will communicate with each other and send SOS signal during emergency.
- **To-Do list using React JS**
Developed a front end based to-do list for better productivity with the help of React JS. Totally a front end based website. Got a basic idea on Browser DOM manipulation, Usage of Hook in React JS, React-router-dom and concept of making a Single Page Application (SPA). Also used local storage available in React.
[Github Repo] [Website link]
- **Advanced & Automated Railway Crossing System**
Used Arduino UNO and Servo motor as components.
Used Arduino IDE and Embedded C for coding.

Summer Training

- Summer training in web development @AIEFC-NBSP (c/o National Institute for Industrial Training Kolkata).
Learned and worked on a real world based project using API calling and MEAN Stack. [Certificate]