

Abhiraj Mukherjee

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OBJECTIVE

To secure a challenging position where I can incorporate theoretical knowledge, practical skills, and passion for coding to contribute to developing and implementing projects for the organization.

PROJECTS

Major Project (Present): Industrial Parameter Monitoring System, / Li-Fi, Wireless Sensor Network /

- Developed a robust industrial parameter monitoring system by integrating Li-Fi technology with lasers for high-speed data transmission.
- Generated a real-time data monitoring system, enabling continuous tracking of critical parameters such as temperature, humidity, and pressure.

Mini Project: Driver Drowsiness Detection and Alerting System, / Arduino UNO /

- Implemented an IR sensor to monitor the blinking rate of the driver's eye.
- Used a Piezo-Electric Buzzer to alert the driver.

Smart Home Application, / IoT, Firebase Database /

- Developed an IoT based Smart Home Application with a Smart Door Lock.
- Established Cloud IoT using NodeMCU Microcontroller.
- Utilized Firebase and MIT App Inventor for global home appliance control.

Portfolio Website, / HTML, CSS, JavaScript /

- Developed a portfolio website using HTML, CSS and JavaScript.
- Published using GitHub.

TECHNICAL SKILLS

Languages:

Python, SQL, C++, C, Java (Basic)

Web Development:

HTML, CSS, JavaScript

Technical Knowledge:

OOPS (C++), RDBMS

EDUCATION

St. Thomas' College of Engineering & Technology, MAKAUT,

Bachelor of Technology in Electronics and Communication Engineering

CGPA - 8.77 (upto 7th Semester)

2020 – 2024

Kolkata, India

Howrah Vivekananda Institution, WBCHSE, 12th Standard

Percentage - 74.20

2020

Howrah, India

Howrah Vivekananda Institution, WBBSE, 10th Standard

Percentage - 69.57

2017

Howrah, India

TRAINING

NullStack Technologies, Pvt. Ltd.

Completed the Training Programme: "Python - Basics & Beyond" encompassing a span of 3 months.

02/2023 – 04/2023

Kolkata, India

BSNL, NSCBTTC

Completed a two-week vocational training on basic telecom technology at NSCBTTC in Kalyani.

01/2023

Kalyani, India

PERSONAL DETAILS

Languages: English (Professional Proficiency), Bengali (Native), Hindi (Conversational Proficiency).

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