

# 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: 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 /**

- Implemented responsive design to ensure the website accessible on mobiles and other devices.
- 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

DGPA - 8.56

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).

Abhiraj Mukherjee

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