

# Abhiraj Mukherjee

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📍 35/2/3, Baksara Road, Howrah-711110, India 📅 20.03.2001 📁 Portfolio

in LinkedIn



## OBJECTIVE

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

## EDUCATION

**St. Thomas' College of Engineering & Technology, MAKAUT,** 2020 – 2024 | Kolkata, India  
*Bachelor of Technology in Electronics and Communication Engineering*  
CGPA - 8.92 (upto 6th Semester)

**Howrah Vivekananda Institution, WBCHSE, 12th Standard** 2020 | Howrah, India  
Percentage - 74.20

**Howrah Vivekananda Institution, WBBSE, 10th Standard** 2017 | Howrah, India  
Percentage - 69.57

## PROJECTS

**Major Project(Present): Industrial Parameter Monitoring System, | Li-Fi Technology |**  
• Developing a robust industrial parameter monitoring system by integrating Li-Fi technology for high-speed data transmission.  
• Implementing a real-time data monitoring system for enabling the continuous tracking of critical industrial 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.  
• Implemented Cloud IOT using NodeMCU.  
• 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 site using GitHub.

## TECHNICAL SKILLS

**Languages:**  
Python, SQL, C++, C

**Technical Knowledge:**  
Object Oriented Programming using C++, Database Management System

**Web Development:**  
HTML, CSS, JS

**Core Subject:**  
Microprocessor and Microcontroller, Computer Network

## TRAINING

**NullStack Technologies, Pvt. Ltd.** 02.2023 – 04.2023 | Kolkata, India  
Completed the Training Programme: "Python - Basics & Beyond" encompassing a span of 3 months.

**BSNL, NSBTTC** 01.2023 | Kalyani, India  
Completed a two-week vocational training on basic telecom technology at NSCBTTC in Kalyani.

## PERSONAL DETAILS

**Hobbies:** Watching movies and tennis, playing chess & cricket

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