

# Subhadeep Khan

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in <https://www.linkedin.com/in/subhadeep-khan-39724222a>

🔗 <https://subhadeepkhan1911.github.io/>



## Education

### Bachelor of Technology in Electronics and Communication Engineering

St. Thomas' College of Engineering & Technology  
2020 – 2024 | Kolkata, India

- **University:** Maulana Abul Kalam Azad University of Technology
- **CGPA :** 9.29 (Upto 5th Sem)

### 12th Standard

Mitra Institution [Bhowanipur Branch]  
2020 | Kolkata, India

- **Board:** The West Bengal Council of Higher Secondary Education
- **Percentage:** 85.4%

### 10th Standard

Mitra Institution [Bhowanipur Branch]  
2018 | Kolkata, India

- **Board:** The West Bengal Board of Secondary Education
- **Percentage:** 80%

## Projects

### Smart Door Lock

We developed an IoT-based door lock system using NodeMCU and a solenoid lock that can be controlled remotely through a smartphone app built using MIT App Inventor, linked to a website, and connected to a Firebase Database. The system enables users to lock/unlock their home's door from anywhere in the world, providing convenience, security, and peace of mind.

### Gesture Based Home Automation System

Developed a home automation project utilizing hand gestures to control household appliances, employing Arduino Uno and gesture sensor technology.

## Objectives

Seeking an entry-level position in the industry to establish a successful career utilizing my academic knowledge, adaptable skills, and passion for learning. As a self-motivated individual, I am committed to exceeding expectations and continuously improving my abilities to become a valuable asset to the company.

## Technical Skills

### Languages:

Python, C++, C

### Web Development:

HTML , CSS , Django

### Technical Knowledge:

Data Structures and Algorithm, Object Oriented Programming using C++

### Core Subject Knowledge:

Computer Network, Microprocessor, Digital Communication

## Trainings

### BSNL

01/2023 | Kalyani, India

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

### Nullstack Technologies Pvt. Ltd.

Kolkata, India

Successfully completed a 3-month training program titled "Python - Basics & Beyond" with NullStack Technologies Pvt. Ltd.

### **Mentacare Website**

Designed and developed a mental health care website using HTML, CSS, and JavaScript that determines an individual's mental health condition and suggests a doctor located nearby, as well as therapeutic activities such as music therapy.

### **Personal Details**

**Hobbies:** Drawing, Playing Table Tennis and Football

**Languages Known:** English, Bengali, Hindi

### **Extra Curricular Activities**

- Participated in the I Subhas Chandra Bose – Speech on the occasion of Netaji's Birth anniversary organized by Art and Cultural Cell of St. Thomas' Collage of Engineering and Technology, January 23, 2021
- Participated in the Inter-department College Table Tennis Tournament, April 29, 2022.

### **Area of Interests**

- Internet of Things
- Mythology