

# SAYAN MONDAL

Durgapur, West Bengal

 +91-8436517365

 sayanmondal2333@gmail.com

 sayan-mondal-746255314

 Sayanwebdev

 portfolio

## OBJECTIVE

Motivated and detail-oriented Engineering student with strong interest in software development, problem-solving, and modern programming practices. Seeking opportunities to build real-world projects, enhance my technical skills, and contribute effectively to software-based solutions.

## EDUCATION

**Dr. B. C. Roy Engineering College**  
*B-TECH - CGPA - 6.53(till 6th sem)*

**08 2022 – Expected 08 2026**  
*Durgapur, West Bengal*

**Maliara R. N. High School**  
*Higher Secondary Exam - Percentage - 73.6%*

**2022**

*Bankura, West Bengal*

**Nityananda pur High School**  
*Secondary Exam - Percentage - 62.57%*

**2020**

*Bankura, West Bengal*

## COURSEWORK / SKILLS

- Data Structures & Algorithms
- Web Development
- Matlab
- C++
- DBMS
- Python
- Java
- DevOps

## PROJECTS

### Hybrid Energy Meter

- Smart prepaid hybrid energy meter integrated with weather API for smart operation, real-time monitoring, cost control, and improved billing accuracy.

### Personal Portfolio Website

- Responsive portfolio showcasing skills and projects with clean UI. Live: ([portfolio.sayan.qzz.io](http://portfolio.sayan.qzz.io))

### Daily Habit Tracker Pro

- No-login habit tracker with visual progress monitoring and daily completion stats. Live: ([habittrackerpro.onrender.com](http://habittrackerpro.onrender.com))

## INTERNSHIP

### BSNL

#### *Telecom Trainee*

**23 06 2025 – 18 07 2025**

*BSNL Office, Burdwan*

- Visited the Main Switching Centre (MSC) and understood call routing and switching operations.
- Gained knowledge about Next Generation Networks (NGN) and their role in modern telecom architecture.
- Observed the functioning of Optical Line Terminal (OLT) and how it connects to Optical Network Units (ONU).
- Learned about optical fiber splicing, jointing techniques, and signal loss management in fiber links.
- Studied traffic diversion techniques and how network congestion is managed for uninterrupted service.

## TECHNICAL SKILLS

**Languages:** Python, Java, C, C++, JavaScript, SQL.

**Developer Tools:** VS Code, Linux.

**Technologies/Frameworks:** GitHub, ReactJS, Git.

## CERTIFICATIONS

- Python Internship  
*(Pinnacle Labs Pvt. Ltd.)*
- Web Development Training  
*(SkillCraft Technology)*
- MATLAB Add-On Course
- AI Tools Workshop  
*Dr. B.C. Roy Engineering (Be10x) College*