SAYAN MONDAL

Durgapur, West Bengal

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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   **08 2022 – Expected 08 2026**
*B-TECH - **CGPA** - **6.53(till 6th sem)***   *Durgapur, West Bengal*

Maliara R. N. High School   **2022**
*Higher Secondary Exam - **Percentage** - **73.6%***   *Bankura, West Bengal*

Nityananda pur High School   **2020**
*Secondary Exam - **Percentage** - **62.57%***   *Bankura, West Bengal*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Database Management
- System (SQL)
- Web Development
- Python
- Matlab
- Java
- C++
- 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)

Daily Habit Tracker Pro
- No-login habit tracker with visual progress monitoring and daily completion stats. Live: (habittrackerpro.onrender.com)

INTERNSHIP

BSNL   **23 06 2025 – 18 07 2025**
Telecom Trainee   *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 *Dr. B.C. Roy Engineering College*
- AI Tools Workshop *(Be10x)*