Sudeb Mandal

LinkedIn | Hackerrank

Location: Tamluk, West Bengal, 721629
Email: mandal.sudeb.12@gmail.com | Mobile: 7797721844

FRESHER PROGRAMMER DEVELOPER

I am graduate level C++/Java programmer with a hunger for exploring, evaluating and inducting new technology platforms across SaaS, PaaS and custom workflows and willing to work along with business and functional teams and develop a deep understanding of various operational processes in the relevant areas of implementation.

TECHNICAL SKILLS

Languages	:	Core Java,C/C++, Data Structure and Algorithms,OOP
Databases	:	MySQL RDBMS
Dev Tools	:	Visual Studio Code, Git, Chrome DevTools
Others	:	Linux and Shell Scripting Basics, Networking, Operating System

TRAINING INTERNSHIP EXPERIENCE

Cognizant Digital Nurture Intern   Apr 2021 – July 2021
Cognizant   *Virtual Internship*

- Developed relevant understanding of Web Development Technologies like **Java,MySQL,HTML,CSS, JavaScript**

Industrial Automation   July 2021 – Aug 2021
Academy of Skill Development   *Virtual Training Internship*

- Designed a PLC/SCADA based **Multi Channel Fire Alarm System**(Group Project)

Graduate Engineer Trainee   July 2022 – Jan 2023
Haldia Petrochemicals Ltd

- Worked on **SAP-HANA H4,E-Permit Management system**, **PLC,DCS,ESD-PLC**, Field Instruments like Sensors,Transmitters etc.

EDUCATION

Haldia Institute of Technology   Haldia,West Bengal
B.Tech Applied Electronics and Instrumentation with 8.86 CGPA   *Aug 2018 – July 2022*

PROJECTS

Major Project   ***Design of Optimal PID controller using Artificial Neural Network***

- This project was purposed to design an optimal PID controller to estimate a DC motor's speed and control it to improve the efficiency of speed control of DC motor.
- Optimized **speed and user accuracy** using MATLAB tools and Aurdino UNO

Minor Projects   ***Aurdino Automation Applications***

- **Smoke Detection System** Using Arduino, MQ-135 gas sensor with indicators and alarm.
- **Automatic Street Light** Designed using LDR and Transistors using PCB(circuit design)
- **Smart Parking System** Using Arduino UNO , IR Proximity Sensor Servo Motor

CERTIFICATIONS

- J.P. Morgan Software Engineering Virtual Experience
- Learning Linux Basics Course and Labs
- Shell Scripts for Beginners