

# Subhankar Dey

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## Summary

Responsible & Dependable undergraduate Electronics & Computer Science Engineer having good academic exposure and functional skills.

## Education

**Kalinga Institute of Industrial Technology** Oct 2022 – Jun 2025  
B.Tech in Electronics and Computer Science Engineering  
**CGPA: 7.58**

**DAV Model School, Durgapur (West Bengal)** Apr 2020 – Apr 2022  
Higher Secondary (Science - PCMB), **76.5%**

**DAV Model School, Durgapur (West Bengal)** Apr 2008 – Apr 2020  
Secondary, **84%**

## Training & Internship

**Vocational Training – Steel Authority of India Limited (SAIL)** Dec 2024  

- Learned about industrial safety precautions and branches of SAIL.
- Studied by-products of coal and their applications in destructive distillation.
- Gained knowledge of steel production processes from raw to finished products.

**Internship – Academy of Skill Development (ASD)** May 2025 – Jun 2025  

- VLSI-based chip design and VHDL programming in ModelSim.
- Designed MOSFET-based logic gates in Microwind software.

## Projects

**BCH to 7-Segment Display on Spartan FPGA** Dec 2024  

- Implemented VHDL code on FPGA board for displaying BCH code on 7-segment display.
- Tools: ModelSim, Spartan FPGA.

**PCB Design for Water Level Monitoring System** May 2025 – Jun 2025  

- Software used: KiCad, Arduino IDE.
- Water level measuring and real-time monitoring using ESP32, ultrasonic sensor, and Blynk IoT platform.
- Alarm system included to indicate whether the water tank is full or empty..

## Courses

- Python (Internshala Trainings) May 2024 – Jul 2024
- VLSI-based chip design (Academy of Skill Development) May 2025 – Jun 2025

## Certificates

- Programming with Python May 2024 – Jun 2024  
Certificate Link
- VLSI based chip design May 2025 – Jun 2025  
Certificate Link

## Technical Skills

Java, Python, SQL, MS Office (Word, Excel, PowerPoint), VHDL, Microwind, ModelSim

## Soft Skills

Leadership, Communication, Time Management

## Languages

English, Bengali, Hindi

## Interests

Making electronic circuits, Mobile photography