SANDIPAN PAUL

Bengaluru,Karnataka

📞 +917892710285 ✉ psandipan20@gmail.com 🔗 https://www.linkedin.com/in/sandipan-paul-895915265/ ⌗
github.com/arko-14   leetcode.com/sandipan_14

Education

Dr. Ambedkar Institute of Technology   **2022 – present**
B.E in Electrical and Electronics Engineering   *Bengaluru, Karnataka*
- **CGPA:** 8.23/10(till 3rd Sem)

Pramati Hillview Academy   **2020 – 2022**
Class 12, CBSE Board   *Mysuru, Karnataka*
- **Percentage:** 85.9%

St. Joseph's Central School   **2017 – 2020**
Class 10, CBSE Board   *Mysuru, Karnataka*
- **Percentage:** 87.9%

Relevant Coursework

- Introduction to C Programming (Theory and Lab)
- Introduction to Python Programming (Theory and Lab)
- Introduction to Embedded Systems
- Electronic Devices and Circuits
- Linear Algebra

Experience

Just Robotics   **July 2024 – Present**
Intern   *Bengaluru, Karnataka*

Projects

Electrical Calculator | *Python*   **January 2021**
- Built a Python tool for electric motor and transformer calculations, enabling torque, speed, power, and efficiency analysis. Implemented a CLI interface with input validation for user-friendly interaction. Currently working on the frontend to give it a final website interface.

Technical Skills

Programming: Python, C,C++, HTML,CSS, JavaScript, SQL,Data Structures
Tools & OS :Github,Jupyter Notebook,VS Code,Google Cloud Platform,Solidworks,Arduino,Tinkercad
Libraries/Frameworks:numpy,matplotlib,tesseract,Opencv,Mediapipe,Pyttsx3

Organizations

Google Developer Student Club, Dr. AIT   **August 2023 – Present**
Member   *Bengaluru, Karnataka*
- ∗ Participated in the Gen-AI campaign and Cloud campaign organized by GDSC.
- ∗ Collaborated with peers to develop and enhance technical skills through workshops and projects.

Achievements

Innovator's Edge Award   **Sep 2024**
Hack-Colossus 2024, National-Level Hackathon   *Bengaluru, Karnataka*
- · Team award for developing a system converting visual elements to Braille for blind-deaf individuals.

Certificates

Python and Django for Beginners   **Sep 2023**
Udemy
Pragyan-International Techno-Managerial Organisation(DECODE-IT) **Feb 2024**
NIT Trichy
GDSC Dr.AIT Certificate   **Nov 2023**

Google Machine Learning and AI badges   **Nov 2023**

GDSC Dr.AIT Certificate(Gen-AI)   **June 2024**