

DIVYANSHU SHAKYA

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EDUCATION

PSIT, Pranveer Singh Institute of Technology, Kanpur

2020 – 2024

B.Tech - Electronics and Communication Engineering - CGPA - 7.9

Kanpur, Uttar Pradesh

COURSEWORK / SKILLS

- Data Structure and Algorithms (DSA)
- Database Management System (DBMS)
- Computer Networks
- Software Engineering
- OOPS Concepts
- Python

PROJECTS

Sunflower Solar Tracker System [↗](#) | [Electronics, Arduino](#)

2022-2023

- The Automated Sunflower Solar Panel project is designed to maximize solar power generation while ensuring optimal efficiency and convenience.
- Inspired by nature, this smart solar panel system mimics the movement of sunflowers.
- The model facilitates monitoring of electrical parameters across varying angles, enhancing its educational value in understanding solar energy optimization techniques.

Personal Voice Assistant Using Python [↗](#) | [Python, Speech Recognition](#)

2023-24

- I Developed voice assistant to take command from the user and function accordingly. This function is also responsible for returning the user's query in a string format.
- I developed the code logic for opening different websites like Google search engine, YouTube, Stackoverflow, Google, wikipedia, etc.

TECHNICAL SKILLS

Languages: Python, C, JavaScript, SQL

Technologies/Frameworks: HTML5, CSS3, MySql

Developer Tools: VS Code, Multisim, Matlab

Achievements

- **Leetcode:** Solved 100+ Problems [↗](#)
- **Hackerrank:** 5 Star - Gold Badge(Sql) and 5 Star - Gold Badge(python) [↗](#)
- **Registered** Copyright on our Project [↗](#)

CERTIFICATIONS

- The Complete Data Structures and Algorithms Course in Python - Udemy
- Python(Basic) certification - Hackerrank
- SQL(Basic) Certification - Hackerrank
- Meta Introduction to Front-End Developer - Coursera
- International conference on Computational Mathematics and Engineering - ICCMEA(2022)

EXTRACURRICULAR

- Presented Project in TechExpo

Interests

- Gaming
- Traveling
- Sports