SIDDHI SINGH

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Education

Ramrao Adik Institute of Technology - Mumbai University   **2019-2023**

Bachelor of Engineering in Electronics Engineering
CGPA - 8.07 / 10

Experience

Ignite Intern - Larsen & Toubro Infotech   *Navi Mumbai, India* **Feb 2023 - Apr 2023**

- Enhanced my skills in Python programming, Java language and RDBMS.
- Awarded a Certificate of Star Performer for achieving scores above the 95th percentile.
- Gained practical experience through assignments and projects.

Software Development Intern – IEEE   *Navi Mumbai, India* **Jun 2021 - Jul 2021**

- Developed a cab rental service using Tkinter for the frontend and MySQL Workbench for the backend.
- Intuitive graphical user interface to facilitate seamless navigations and optimize the user experience.
- The project focuses on efficiently managing customer data, payment details, cab information, and a login page.
- Amped it up using automated receipt generation according to the features chosen to ensure an affordable and comfortable ride.

Projects

Dance Pose Estimation and Correction

- Developed a real-time dance posture estimation and correction system using Python, OpenCV, and the MediaPipe framework.
- Enhanced user engagement through real-time prompts and score displayed in percentage form for self-reformation.
- The project utilizes various libraries like NumPy, Pandas and Matplotlib to analyze and visualize an individual's dance posture.
- Integrated NodeMCU and MPU6050 sensor displays health statistics such as calories burned and step count on serial monitor.

Stock Prediction

- It is a Stock Profit Prediction and Accuracy Assessment system that predicted stock profit based on data on profits of a company from Kaggle.
- Utilized Python, Jupyter Notebook, and machine learning libraries such as NumPy, Pandas, and matplotlib for data manipulation.
- Achieved a 75% accuracy rate in assessing profit predictions, demonstrating strong data analysis and machine learning skills.

Skills

- *Technical Skills*: C++ | Python | Data Structures and algorithms | SQL | Java | HTML-CSS | Bootstrap | AWS Services | Machine Learning | Microcontrollers | JavaScript | MySQL Workbench.
- *Soft Skills:* Problem solving | Documentation | Leadership | Collaboration | Resilience.

Certifications

- AWS foundation cloud certification.
- Star performer certificate by LTIMindtree, April 2023.
- Certificate of Python Programming for Beginners in Data Science by Udemy, Aug 2021.
- Participation certificates in hackathons like GirlScript, Flipkart, wake up and various others.

Extracurricular

- Completed 100+ questions on **LeetCode.**
- Designed User Interface for a Hackathon by Google Development Student Club (GDSC), June 2021-May 2022.
- Technical head for GDSC, RAIT