SWAPNIL DWIVEDI

G1/175 Armapur Kanpur

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🌐 Portfolio

Education

G.L Bajaj Institute of Technology and Management	**2021 - 2025**
Bachelor of Science in Computer Science(Artificial Intelligence and Machine Learning)	*Greater Noida, UP*
Kendriya Vidhyalaya No.1 Armapur Kanpur	**2020 - 2021**
School XII	*Kanpur, UP*
Kendriya Vidhyalaya No.1 Armapur Kanpur	**2018 - 2019**
School X	*Kanpur, UP*

Relevant Coursework

- Data Structures
- Operating System
- Cloud Computing
- Database Management
- Artificial Intelligence
- Computer Networking
- Object Oriented Programming

Projects

Volume Controller Using Gestures / *Python,OpenCV*   **October 2023**

- OpenCV-CV2 Pyautogui and mediapipe is used in this project .
- Used CV2 to access camera and take image as input.
- Used mediapipe to locate hand movements and track them using dots.
- Used pyautogui to get access to system volume controls.

Traffic Security System / *Python, OpenCV, MySQL*   **August 2022**

- Developed an Traffic Security Camera using Python and OpenCV to capture car number plate and fetch information about the license holder.
- Implemented Structured Query Language to store and fetch information about the license holder.
- Used Text OCR(Optical Character Recognition) to scan the number plate of any vehical.
- Used mysql.connector to connect with the databases.

Book Store Management System / *Python, MySQL*   **November 2020**

- Created a Book Store Management System using Python and MySQL.
- Processed user inputted information in the back-end of the app to manage availability of books and purchase information.
- Helps the bookshop owner to easily manage resources availability.
- Used Python as frontend.
- Used mysql.connector to connect with the databases.

Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, PyCharm, Replit, GitHub
Technologies/Frameworks: BootStrap, OpenCV, TensorFlow, Tkinter,

Certification

Data Structure And Algorithms | *Coding Activists*

Amazon Web Services(AWS) Cloud Internship / *AWS Academy*

Amazon Web Services(AWS) Cloud Architecture Internship | *AWS Academy*

Leadership / Extracurricular

YOUTH PARLIAMENT (MINISTRY OF PARLIAMENTARY AFFAIRS)   **Spring 2020**
Leader Of Opposition

- Achieved Second position in the competition held by ministry of parliamentary affairs.
- Performed as the leader of opposition.

SCHOOL VOLLYBALL TEAM   **Spring 2019**
Played as Libero

- Achieved First position in the regional level sports meet.
- Played as Libero for the team.