Moksh Oswal

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| Pune

EDUCATION

Symbiosis Institute Of Technology   **Pune**
Btech in Computer Science with Hons in Security And Privacy   *June 2026*
CGPA-7.625

Delhi Public School   **Surat**
AISSCE - 93.2%   *2022*

Delhi Public School   **Surat**
AISSE - 91.6%   *2020*

WORK EXPERIENCE

Wrench Wielders Racing,SIT   **Pune**
Chief Finance Officer   *Jan 2023-Present*
- Crafted compelling business presentations, leading to winning the Best Business Presentation award at SAEINDIA Supra, a prestigious national-level formula student competition, beating out 90 other competitors.
- Implemented a new documentation system resulting in an increase in efficiency and accuracy in financial reporting processes.

Google Student Developer Club,SIT   **Pune**
Cloud Coordinator   *Aug 2022 - May 2023*
- Actively volunteered in events and workshops organized by the club, contributing to planning and execution.

Projects

Sprout - An Elearning Platform | Java, MySQL
- Implemented efficient database queries and optimized performance for seamless data retrieval.
- Identified and resolved UI/UX bugs, improving user experience and interface functionality.

Heart Disease Predictor | HTML, CSS, JavaScript, Python,MySQL
- Developed a model for Coronary Heart Disease prediction based on Age, Gender, Fasting Blood Sugar Levels, and other parameters
- Wrote a technical paper, "Heart Disease Predictor"(unpublished)

Smart Ventilation System| IOT , ESP32 , C++
- Developed a smart ventilation system utilizing DHT11 and MQ135 sensors for fire and smoke detection.
- Engineered the system to automatically activate vents and exhaust fans upon fire detection and notify the user.

Gesture Control Automated Turret| Arduino UNO, Python, C++
- Developed a gesture-controlled automated turret using OpenCV and MediaPipe for real-time gesture recognition.
- Established seamless communication between Python and Arduino to ensure minimum latency.

Technical Skills

Languages: Python, C++, JAVA, SQL, JAVASCRIPT, HTML/CSS, bash

Framework and Libraries: numPY, pandas, Swing, pyGame, OpenCV, Agile, Tailwind CSS, MediaPipe

Developer Tools: VsCode, PyCharm, IntelliJ, Clion, Git, Postman, MS Office, Arduino IDE
Other Skills: Computer Organization, OOPs, Pitch Deck, Statistics, Data Structures