ARYAN SINGH

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Education

VIT Bhopal University	**Oct 2022 – 2026**
Bachelor of Science in Computer Science–CGPA-8.58	*Bhopal, Madhya Pradesh*
Lalaji Memorial Omega International School	**2021 – 2022**
class 12–percentage-85	*Chennai,TamilNadu*
Lalaji Memorial Omega International School	**2019 – 2020**
class 10–percentage-93	*Chennai,TamilNadu*

Projects

E-commerce site | *HTML,CSS,Javascript*   **September 2023**

- Developed a fully functional E-Commerce website using HTML, CSS, and JavaScript, providing a seamless shopping experience for users.
- Implemented a shopping cart feature that enables users to add, remove, and update items, with real-time updates on total price.
- Optimized website performance by minimizing load times through efficient coding practices and image optimization.

Super Store Management System | *Javascript,HTML,CSS,SQL*   **2023-2024**

- Built a comprehensive Super Store Management System using HTML, CSS, JavaScript, and SQL for backend database management.
- Created dynamic product pages that allow users to view, add, edit, and delete products with ease.
- Engineered an image upload feature that allows users to save product images in the SQL database, enhancing product listings.

Coronary Calcium Detection and Scoring | *Python,Flutter,U-Net*   **2024-2025**

- Formulated a system for detecting and scoring coronary calcium using advanced imaging techniques, contributing to early diagnosis of cardiovascular diseases.
- Utilized image processing algorithms to analyze computed tomography (CT) scans, identifying calcified plaques in coronary arteries.
- Integrated visualization tools to display calcium scores and relevant metrics, aiding in clinical decision-making.

Food Delivery Website | *React JS, MongoDB,Node JS*   **May 2025-July 2025**

- Designed and implemented a responsive user interface using React JS, ensuring a smooth user experience across devices.
- Built a RESTful API using Node.js and Express to handle user authentication, order processing, and data management.
- Used MongoDB for data storage, designing schemas for users, menu items, and orders to ensure efficient data retrieval and manipulation.

Technical Skills

Languages: Python, Java, C++, HTML/CSS, JavaScript, SQL,ReactJS
Developer Tools: VS Code, Android Studio,Canva
Technologies/Frameworks:GitHub, Sci-kit,Tensorflow,OpenCV,U-net Architecture

Certifications

- Oracle Database SQL-Ongoing.
- Certified Cyber Security analyst-IBM
- Bits and Bytes of computing-Google

Extra-Curricular Activities

- Participated in various Hackathons inluding Adobe,Accenture,Loreal and Walmart.
- Participated in regional tournaments in Badminton.