

ARYAN SINGH

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Education

VIT Bhopal University

Bachelor of Technology in Computer Science Engineering-CGPA-8.58

Oct 2022 – 2026

Bhopal, Madhya Pradesh

Lalaji Memorial Omega International School

Class 12 CBSE-percentage-85

2021 – 2022

Chennai, TamilNadu

Lalaji Memorial Omega International School

Class 10 CBSE-percentage-93

2019 – 2020

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: Java, Python, HTML/CSS, JavaScript, SQL

Developer Tools: GitHub, VS Code, Android Studio, Canva

Technologies/Frameworks: React, Tensorflow, OpenCV, U-net, MongoDB

Certifications

- Certified Cyber Security analyst-IBM
- Bits and Bytes of computing-Google

Extra-Curricular Activities

- Participated in various Hackathons including Adobe, Accenture, Loreal and Walmart.
- Participated in regional tournaments in Badminton and skating.
- Grade 2 Keyboard Certification and certified by London school of music