

ARYAN SINGH

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Education

VIT Bhopal University <i>Bachelor of Technology in Computer Science Engineering–CGPA-8.58</i>	Oct 2022 – 2026 <i>Bhopal, Madhya Pradesh</i>
Lalaji Memorial Omega International School <i>Class 12 CBSE–percentage-85</i>	2021 – 2022 <i>Chennai, TamilNadu</i>
Lalaji Memorial Omega International School <i>Class 10 CBSE–percentage-93</i>	2019 – 2020 <i>Chennai, TamilNadu</i>

Projects

E-commerce site <i>HTML,CSS,Javascript</i>	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 <i>Javascript,HTML,CSS,SQL</i>	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 <i>Python,Flutter,U-Net</i>	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 <i>React JS, MongoDB,Node JS</i>	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, L'Oréal and Walmart.
- Participated in regional tournaments in Badminton and skating.
- Grade 2 Keyboard Certification and certified by London school of music