JAYANT BARANGE

☎ +91-9827721166   ✉ jayantbarange25@gmail.com   in Linkedin   ○ GitHub

EDUCATION

Vellore Institute of Technology, Bhopal   **Sep 2021 – May 2025**
*Bachelor of Technology - **CGPA - 7.49***   *Bhopal, Madhya Pradesh*

Sharda Vidya Mandir, Bhopal   **July 2021**
*Senior Secondary Education - **Percentage - 81.2***   *Bhopal, Madhya Pradesh*

Sharda Vidya Mandir, Bhopal   **May 2019**
*Secondary Education - **Percentage - 82.4***   *Bhopal, Madhya Pradesh*

SKILLS

- C++ • SQL • Python • HTML/CSS • JavaScript • MERN • Git

PROJECTS

WellnessWeb ↗   **Oct 2023 - May 2024**

- Developed a Hospital Management System enabling university students to schedule medical appointments and purchase medicines online.
- Engineered a robust database architecture with MySQL to manage medical records, appointment schedules, and inventory, ensuring data integrity and security.
- Implemented user-friendly interfaces and streamlined workflows for students and program chairs, enhancing medical leave management and operational efficiency.

LicensePlate-Identification-Model ↗   **Nov 2022 – Jan 2023**

- Developed a comprehensive traffic control system using computer vision and machine learning.
- Utilized Haar Classifier and CNNs to identify, track vehicles, calculate speeds, and detect license plates in surveillance videos.
- Focused on identifying Indian automobiles via license plates, addressing challenges in object detection and enhancing security applications.

Algorithm For identification of Photograph ↗   **Jul 2022 – Oct 2022**

- Developed a project for image printability checks for ID cards using size and background color filters.
- Implemented methodology to set size criteria and assess background color through RGB values.
- Designed to be valuable for organizations such as schools, MNCs, colleges, and universities.

CERTIFICATIONS

- Blockchain & its applications, Nptel, Apr 2024
- Cloud practioner, Aws, Jan 2024
- MERN Full Stack, Ethnus, Nov 2023
- Programming in C++ Certification, Anupa Computer Classes, Mar 2023
- The Bits and Bytes of Computer Networking, Coursera Google, Jan 2023

ACHIEVEMENTS

- Geeks For Geeks – Streak of over 100 days, Solved 300+ questions
- Member of Insights, Anime Club
- Science Exhibition and won prizes

EXTRA CURRICULAR

- Secured the 1st position in zonal badminton tournament multiple times, Secured 3rd position in interschool swimming competition

ADDITIONAL INFORMATION

- **Languages** - English,Hindi
- **Hobbies** - Music,Gaming,Badminton