

RAGHAV NAGI

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About

I am a Computer Science student passionate about Software Development with a strong foundation in programming and problem-solving. Committed to continuous learning, delivering impactful solutions, and contributing to meaningful initiatives. Thrives in team environments and brings a proactive approach to tackle challenges and achieve goals.

Education

Chitkara University

Bachelor of Engineering in Computer Science; CGPA:8.15

2022 – Ongoing

Rajpura, Punjab

Kendriya Vidyalaya

Class 10th Standard CBSE

2019 – 2020

Patiala, Punjab

Kendriya Vidyalaya

Class 12th Standard CBSE

2021 – 2022

Patiala, Punjab

Projects

E-Ballot |

- Developed a secure and automated e-voting system using facial recognition to authenticate voters.
- Implemented OpenCV for face detection and used k-NN classification to verify voter identity.
- Utilized Python, NumPy, and Pickle to process and store facial data securely.
- Automated vote recording by integrating CSV-based logging and real-time verification mechanisms.
- Integrated voice feedback using macOS speech synthesis to enhance user experience.
- Collaborated with a team using Git for version control.

Vehicle E-Commerce |

- Developed a full-stack vehicle e-commerce platform using Node.js for the backend and React for the frontend.
- Designed and implemented a MySQL database to manage vehicle listings and user authentication.
- Built RESTful APIs to handle vehicle search, filtering, and purchase processes, ensuring seamless data flow.
- Integrated authentication and authorization mechanisms to provide secure user access and account management.
- Implemented an interactive and responsive UI using React, enabling smooth navigation and a user-friendly experience.
- Collaborated with a team using Git for version control.

Technical Skills

Languages: Java, C, C++, JavaScript

Web Development: HTML/CSS, JavaScript, React, Node.js

Developer Tools: VS Code, Eclipse

Technologies/Frameworks: Git, GitHub

Course Work: Object Oriented Programming, Operating System, DBMS, Data Structures and Algorithm

Leadership / Extracurricular

Coding Blocks CUIET Chapter

February 2024 – August 2024

Organizing Executive

Chitkara University

- Planned and coordinated technical events, workshops, and coding sessions to enhance engagement and learning.
- Managed logistics, scheduling, and resource allocation for smooth execution of chapter activities.
- Collaborated with team members to ensure seamless communication and efficient event execution.

Coding Blocks CUIET Chapter

August 2024 – May 2025

Discipline Head (Promoted)

Chitkara University

- Enforced chapter policies and maintained discipline to ensure a professional and respectful environment.
- Oversaw adherence to organizational guidelines and facilitated smooth operations during meetings and events.
- Resolved conflicts and addressed disciplinary concerns, fostering a positive and productive team culture.
- Played a key role in organizing structured activities while maintaining order and efficiency within the chapter.