

EDUCATION

•Bachelor of Engineering in Computer Science and Engineering

Saveetha School of Engineering

2022-26

CGPA: 8.7

PERSONAL PROJECTS

•Recognition of Face Visibility Percentage in Images

A Python-based system designed to analyze images and calculate the percentage of face visibility.

- Enables applications to determine the extent to which a face is visible, useful for authentication, image analysis, and improving facial recognition accuracy.
- Applied in enhancing facial authentication systems, optimizing photo sorting in digital albums, and refining user experience in augmented reality applications.
- Technology Used: Python, OpenCV, Dlib.

•Custom Attendance Calculator and Management System Using C

Developed a C-based application to track and calculate student attendance efficiently.

- Automated the process of recording attendance, calculating attendance percentages, and generating attendance reports.
- Technology Used: C, File Handling, Structured Programming

EXPERIENCE

•Oracle Cloud Infrastructure with Generative AI certification

August 2024

Oracle course

Online

- In-depth understanding of Generative AI systems like RAG, LLM, pEFT, Cloud Infrastructure and more.
- Proficient in designing, deploying, and managing Generative AI solutions using Oracle Cloud Infrastructure (OCI).
- Strong knowledge of OCI services, including compute, storage, networking, and Oracle's AI platform, with a focus on security, scalability, and performance optimization.
- Hands-on experience in provisioning, monitoring, and automating cloud infrastructure using OCI Management Console, CLI, and best practices for AI model deployment.

•Research work in Anomaly detection Inside Train Compartments

February 2024

Star summit-2024, SIMATS UNIVERSITY

Offline

- Explored advanced techniques in object detection and machine learning for enhancing security measures in public transportation.
- Presented research findings at the Star Summit 2024, SIMATS University, demonstrating the practical application of AI for safety monitoring.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, Javascript, HTML+CSS

Web Dev Tools: VScode, Git, Github

Cloud/Databases: Relational Database(mySql)

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

Areas of Interest: Web Design and Development, UI/UX design.

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

POSITIONS OF RESPONSIBILITY

•Technical Event Facilitator Code Debugging Event, SIMATS University , Chennai

July 2023

- Helped to organize code debugging event for 50 students and curated questions using Hacker rank