

SUSHMA

3 RD YEAR, INFORMATION SCIENCE AND ENGINEERING

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OBJECTIVE

Motivated and detail-oriented 3rd-year engineering student at JSSATE, seeking to leverage technical and analytical skills in a challenging role. Eager to contribute to innovative projects, enhance practical experience, and grow in a dynamic work environment. Passionate about applying engineering principles to solve real-world problems.

EDUCATION

JSS Academy of Technical Education, Bangalore

Dec 2022 - Present

Bachelor of Information Science and Engineering

Bangalore

CGPA: 8.28

Alva's PU College ,Vidyagiri ,Mudbidri,Karnataka

June 2020 -March 2022

Percentage : 76.6

Mudbidri

SKILLS

Technical Skills	C, Python, Java , Data structures and Algorithm, MySQL ,Tableau, PowerBI, Artificial Intelligence, Machine learning, Computer Networks
Soft Skills	Ability to work in a team, ,fast learner, Ability to work under pressure,Adaptability and Flexibility
Languages	English, Kannada, Telugu.

PROJECTS

1. CURSOR CONTROL USING GESTURE RECOGNITION

- This project enables touchless cursor control using hand gestures, leveraging CNN for gesture recognition and MediaPipe for real-time tracking.
- The system aims to recognize predefined hand gestures captured through a webcam and translate them into corresponding cursor actions such as movement, click, drag, and scroll.
- Emphasis will be placed on achieving high gesture classification accuracy and minimizing response latency to ensure smooth and intuitive user interaction. The project also seeks to design a clear and ergonomic gesture set, making the system easy to learn and use.
- A user-friendly interface will be developed to allow users to calibrate and customize gestures without requiring technical knowledge. The system will be designed for cross-platform compatibility, working seamlessly on platforms such as Windows and Linux.
- Finally, user testing and feedback collection will be integral to refining the system, and thorough documentation will be maintained throughout the development process.

CERTIFICATE

Data Structures and Algorithms- [View Certificate](#)

Artificial Intelligence and Machine Learning- [View Certificate](#)

Networking Basics Cisco- [View Certificate](#)