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*A current engineering student seeking opportunities in a dynamic and challenging environment that fosters continuous improvement and learning. Motivated to contribute to organisation growth and personal development within the engineering industry.*

# SKILLS

 **Languages:** C++, Java , Javascript and Python (Basics), HTML, CSS , MySQL, MongoDB  **Developer tools:** IDE (VS Code, Arduino idle, MPLAB idle) VCS (Github, Git, Code commit)  **Web development tool:** Bootstrap, React, MERN Stack

 **Hardware:** Arduino, Esp32, PIC16F877A, Intel 8051

 **Libraries:** Flask, OpenCV, Numpy (basics)

# EDUCATION

## Bachelor of Engineering Oct 2022 - Present

 Sri Krishna College of Engineering and Technology

 Major in electronics and communication engineering

 CGPA - 8.51 (till 4th sem)

## HSC

 Keartiman Matric. Hr. Sec. School  Percentage : 93.17%

**2022**

# EXPERIENCE

## Intern, MSME Technology Development Centre

**Embedded Systems | June 2024 | Coimbatore**

 Worked with microcontrollers, focusing on embedded system design

 Developed firmware using MPLAB IDE, optimizing and debugging code online

**Intern, Salzer Electronics Ltd Unit - ll Quality Control | July 2024 | Coimbatore**

 Observed switch and wire harness testing, contributing to quality assurance.

 Monitored machine loops and three-phase transformers to ensure compliance with standards

# PROJECTS

**Vision Cursor Machine Learning**

Developed a tool to control the mouse pointer using eye movements. Utilized OpenCV for eye detection and PyAutoGUI for cursor control and click simulation based on webcam input.

**Fantasy Sports Platform MERN Stack**

 Implemented user authentication, team selection, and updates using predefined data, featuring a responsive UI/UX and integration of third-party APIs for sports data.

**Face Recognition Attendance System Machine Learning**

 Developed a Face Recognition Attendance System using Python, OpenCV, and Machine learning, enabling real-time face detection, attendance marking in CSV format, and automated timestamp generation.