

CAREER OBJECTIVE

I aspire to join a prestigious organization where I can leverage my skills and expand my knowledge by collaborating with talented professionals. As a Computer Science Engineer, I am eager to contribute to innovative projects and grow within a dynamic team environment.

EDUCATION

- **BE - Computer Science Engineering** 2020-2024
Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College CGPA: 8.1
- **Kendriya Vidyalaya Crpf - Chennai** 2019-2020
12th standard, CBSE Percentage: 77

PROJECTS

- **Drowsiness Detection project using machine learning**
 - Developed a real-time drowsiness detection system using machine learning models, integrating facial landmarks and convolutional neural networks (CNNs) for accurate eye state and yawning detection.
 - Implemented real-time face and eye tracking using OpenCV and dlib, achieving robust performance under varying lighting conditions and angles
 - Trained a custom CNN model on labeled datasets, achieving an accuracy of 90 percentage in detecting drowsiness indicators like closed eyes and yawning
- **Eye Driven Control System Using Machine Learning**
 - Developed an innovative eye-driven control system leveraging machine learning and OpenCV to enable hands-free cursor control for individuals with physical disabilities..
 - Integrated real-time eye movement tracking and blink detection algorithms, allowing precise control for left-click and right-click operations based on eye gestures
 - Implemented a robust system to enhance accessibility and usability, providing a practical solution for individuals with limited mobility to interact with computers efficiently.

TECHNICAL SKILLS AND INTERESTS

Programming Languages : Java, Python, Html/Css, JavaScript, Dart, Sql

Technologies : React.js, TailwindCSS, Django, MySQL, Opencv, Firebase, Flutter, TensorFlow, Keras, scikit-learn

TRAINING AND CERTIFICATION

- **Software Developer CSR**
by Capgemini
 - Designed and developed a dynamic web application using React.js for the frontend and Django for the backend, enhancing functionality and user experience.
 - Integrated Django REST Framework with React.js to create seamless API interactions
 - Optimized the React component structure and implemented state management using Redux, improving application performance

INTERNSHIP

- **SmartKnowerTechnologies - Mobile Application development**
2 months internship
 - Designed and developed mobile application components using Flutter and Firebase, optimizing performance and reducing inefficiencies.
 - Designed intuitive and user-centric interfaces using Figma, creating seamless UI/UX experiences that enhance user engagement and satisfaction.
 - Collaborated with cross-functional teams, utilizing test automation and bug tracking tools like JIRA to deliver scalable and user-friendly mobile solutions.

SKILLS AND INTEREST

Languages : English, Hindi, Tamil

Hobbies : Leet Coding, Chess