AKASH

ENGINEERING
STUDENT

CONTACT

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SKILLS

- Design(canva)
- CAD(Vivado,Multism)
- Programming(Python,C,Verilog)
- MATLAB and Simulink

EDUCATION

B-TECH ECE

Kalasalingam Academy of Research and Education

2022-2026

Minors in UAV

Kalasalingam Academy of Research and Education

2023-2026

COURSES

EMERGING TECHNOLOGIES

Indo Universal Collaboration for Engineering Education(IUCEE)

Deep Learning for Object Detection

Coursera

LANGUAGES

English
Tamil
Telugu
Hindi

PROFILE

As a recent student, I've gained valuable experience in navigating various situations with a cool and composed demeanor. I possess strong problem-solving abilities and am eager to continue learning and growing under the right guidance. My goal is to achieve new heights and make a meaningful impact in my chosen field. Let's connect and explore opportunities for mutual growth and success

PROJECTS

- **Agriculture Field Monitoring System :**

Designed and implemented an innovative agriculture field monitoring system to enhance crop management leading to increased productivity and sustainability.

- **Smart Attendence Using Facial Recognisation :**

Development of a cutting-edge facial recognition attendance system, aimed at revolutionizing traditional attendance tracking methods with advanced technology for increased efficiency and accuracy.

- **Ambulance Alert System Using LoRa:**

Developed an advanced ambulance alert system using LoRa communication technology. The system enables real-time location sharing between ambulances and nearby vehicles to ensure timely alerts and improve road safety, contributing significantly to emergency response efficiency.

- **Brain Tumor Detection Using Deep Learning:**

Designed and implemented a deep learning-based system for brain tumor detection using medical imaging data. The system leverages advanced neural network architectures to accurately classify and detect brain tumors in MRI scans, contributing to early diagnosis

- **Vehicle Detection Using YOLOv4 in MATLAB:**

Developed a vehicle detection system using YOLOv4 in MATLAB, leveraging deep learning techniques to accurately identify and track vehicles in real-time. The system enhances traffic monitoring, surveillance, and autonomous driving applications by providing fast and reliable vehicle detection, improving road safety and traffic management.

EXPERIENCE

Class Representative (CR)Academic Year 2022-2023,(Two Semesters)

- Represented the interests and concerns of classmates to faculty and administration
- Organized and facilitated communication between students and faculty
- Coordinated class activities and events

Internal Member Activities Department IUCEE KARE Student Chapter

- As part of the Department IUCEE KARE Student Chapter, I had engaged in various activities aimed at fostering knowledge-sharing, professional growth, and leadership development among students. These activities include technical workshops, seminars, guest lectures, and hands-on project sessions that help enhance technical skills.