KARTHICKEYAN S

karthickeyan.2005036@srec.ac.in | 8754043692 | DOB :10/07/2002

EDUCATION

SRI RAMAKRISHNA ENGINEERING COLLEGE
B.Tech Information Technology
Coimbatore,Tamil nadu
CGPA: 8.49/10 | 2020-2024

RASI MATRIC SCHOOL
HSC-2020
Salem,Tamil Nadu
Per: 68.6 / 100

BHARATHI MATRIC SCHOOL
SSLC-2018
Salem,Tamil nadu
Per: 75.4 / 100

SKILLS

LANGUAGES
Java
Web Technologies
HTML | CSS | JavaScript | React Js
Data Base Management System
MySQL

TOOLS AND TECHNOLOGIES
GIT | BitBucket | VsCode | Intellij | Jupiter

TECH PROFILE LINKS

Coding Profile:// LeetCode
Github:// View Projects
LinkedIn:// View Link

INTERESTS

Web Development.
Software Developer

COURSEWORK

GRADUATE
Data Structure
Object Oriented Programming
Java Programming
DBMS

STRENGTH

Problem Solving
Self learning
Communication , Team Work

EXPERIENCE

MALLOW TECHNOLOGIES (VIEW PROJECT)
Full stack development Intern
Aug 2023 - Nov 2023 | Coimbatore, Tamil nadu

- During an internship, I developed a feature-rich parking slot finder website from scratch using full-stack development.
- Front end : HTML,CSS,BootStrap,Javascript. Back end: Rubyonrails.

PROJECTS

VIDEO ANALYTICS SYSTEM FOR BANK (VIEW PROJECT)
Project Mentor: Ms. K. Archana,Dept of IT,AP,SREC | 2022-2023
Python

- The proposed system helps the banks explore the video data, provides better services to customers, and improves safety.
- Camera Tampering Detection: Implements background subtraction algorithms to swiftly identify unauthorizes alterations
- People Counting Model: utilizes background subtraction and motion detection algorithms to optimize crowd management
- Elevated user experience through facial detection using a pre – trained Convolutional Neural Network (CNN) Mode. Analysis the sentiment to detect the customer emotions.

IMAGE BASED PLANT DISEASES DETECTION (VIEW PROJECT)
Project Mentor: Dr.S.Bhaggiraj, Dept of IT,AP(SI.Gr),SREC | 2021-2022
Web Development : HTML,CSS,Bootstrap,JavaScript,Python

- Implemented a CNN-based model to predict diseases in tomato plants based on leaf images.
- The dataset was preprocessed using data augmentation techniques. Trained the model usingCNN. The trained model was saved and deployed to predict diseases in new images
- Developed a Flask web application for users to upload leaf images, receive predictions, and view disease information.

ACHIEVEMENTS

ACADEMICS (VIEW LINK)

2022	Third position	APPINNOVATHON
2023	Finalist	Design Thinking Hackathon
2022	Participated	HackHeist Hackathon

CODING
Solved 170+ Problems in LeetCode platform (VIEW LINK)

CERTIFICATES
Java (view certificate)
MYSQL (view certificate)