RAAMJI A

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CAREER OBJECTIVE

As a IT student, my career objective is to further refine my skills and knowledge in the field of information technology while gaining practical experience through internships and projects. I aim to specialize in a specific area of IT, such as full-stack development, machine learning, cybersecurity , data analysis.

EDUCATION

PSG COLLEGE OF TECHNOLOGY, COIMBATORE
Bachelor's Degree in Information Technology
2021 – 2025
CGPA : 8

ASHOK MISSIONS MATRIC HR SEC SCHOOL, KRISHNAGIRI
Higher Secondary Education
2019 – 2021

SKILLS

- C++
- Python
- Java Script
- PHP
- HTML
- SQL
- Mongo DB

COURSE WORKS

- Data Structures & Algorithms
- Database Management
- Data Mining
- Machine Learning
- Software Engineering
- Basics of Computer Networks

HOBBIES

- Playing Badminton
- Watching Anime

STUDIES & PROJECTS

A Study on DREBIN Dataset

Data Mining

- The study used various machine learning methods, such as decision trees and deep learning models, to create accurate classifiers for identifying Android malware with the Drebin dataset.
- Evaluating performance with metrics like accuracy and F1-score highlighted the importance of feature selection and preprocessing, providing valuable insights into Android malware and improving mobile security measures.

Tweet Emotion Recognition with TensorFlow

Machine Learning

- Tweet emotion recognition using TensorFlow, incorporating a deep learning model that utilized Recurrent Neural Networks (RNN). This model was designed to analyze the sequential nature of tweets, capturing contextual dependencies between words to identify emotions accurately.
- The goal was to create a dependable system that could automatically recognize emotions in tweets using advanced deep learning methods.

Gas Monitoring System

Internet of Things

- The project involved gas detection using an MQ2 sensor with a NodeMCU ESP8266 board, integrated with the Blynk app for monitoring and control.
- Sensor data was transmitted to Arduino ports, and if consecutive readings were outside normal bounds, email alerts were sent to the user using Python's SMTP.

CLUB ACTIVITIES

- Event Management Team - Rotaract Club
- Literary and Content Team - ASQ Quiz Club