

# RAAMJI A

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## EDUCATION

### PSG College of Technology

Bachelor Of Technology, Information Technology

**September 2021 - Present**

CGPA: 8.11/10 (Upto 6th Sem)

### Ashok Mission's Matric Hr Sec School

Higher Secondary Education | TN State Board

Secondary Education | TN State Board

**June 2017 - May 2021**

12th std Marks: 95.05%

10th std Marks:94.60%

## PROJECTS

### Tweet Emotion Recognition with TensorFlow | Machine Learning

-Using TensorFlow and Recurrent Neural Networks (RNN) with LSTM, a deep learning model was developed to analyze tweets' sequential nature, capturing word dependencies to identify emotions accurately.

-The goal was to create a reliable system for automatic tweet emotion recognition.

### A Study on DREBIN Dataset | Data Mining

-The study utilized machine learning methods, including random forest classifiers and deep learning models, to classify Android malware using the Drebin dataset.

-Metrics like accuracy and F1-score and the importance of feature selection and preprocessing, offering insights to enhance mobile security.

### Gas Monitoring System | Internet Of Things

-The project involved gas detection using an MQ2 sensor with NodeMCU ESP8266, integrated with Blynk app for monitoring and control.

-Sensor data was transmitted through Arduino ports, and if consecutive readings were outside normal bounds, email alerts were sent to the user using Python's SMTP.

## TECHNICAL SKILLS

**Programming Languages** : C , C++, Python

**Web Development** : HTML , CSS ,Java Script, React JS, PHP

**Others** : SQL , MongoDB , Git , GitHub

## COURSEWORK

- Data Structures and Algorithms
- Database Management System
- Computer Networks
- Machine Learning
- Data Mining
- Software Engineering
- Operating Systems

## EXTRA CURRICULAR ACTIVITIES

### Rotaract Club| Event Management

- Visited Homes & Orphanages and conducted games for children and fun events for elderly people.
- With the Support of Alumnus , gave career guidance to Poly-technique Students.

### ASQ Quiz Club| Content & Literary

- Conducted various types of Quiz events like UNO Bidding , Buzz Round , Round Robin etc ...
- Also with different domains of Quizzes . Eg. Peelamed Quiz , World Cup Quiz , Themed Quiz etc...

## PARTICIPATIONS

- **Code-A-Thon** : An Hackathon (24hrs) event conducted by Caterpillar and provided solution for a real world problem.
- **KRIYA 2023 & 2024**: An inter-college event conducted by PSG-CT. Participated in many Technical event and mini hackathons(3-4hrs).