

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%

EXPERIENCE

Front End Developer Intern | NxGen Inventors.

- Completed a 5-week internship as a frontend developer using React.
- Gained proficiency in React and state management.
- Contributed to the company's project, improving my practical experience.

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 , Docker , DockerHub

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.

ASQ Quiz Club | Content & Literary

- Conducted Quiz events like Peelamedu Quiz , World Cup Quiz and various round like UNO Bidding, Round Robin 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).