Raamji A

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EDUCATION

PSG College of Technology	**September 2021 - Present**
Bachelor Of Technology, Information Technology	CGPA: 8.11/10 (Upto 6th Sem)
Ashok Mission's Matric Hr Sec School	**June 2017 - May 2021**
Higher Secondary Education | TN State Board	12th std Marks: 95.05%
Secondary Education | TN State Board	10th std Marks:94.60%

EXPERIENCE

Front End Developer Intern|NxGen Inventors.

-Completed a 5-week internship as a front-end developer using React.

-Gained proficiency in React and state management.

-Contributed to the company's project, improving my practical experience.

Resume Site : raamji2403.github.io/myresume/

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).