

# 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

**June 2018 - May 2021**

Secondary Education | TN State Board

12th std Marks: 95.05%

10th std Marks:94.60%

## EXPERIENCE

### Front End Developer Intern|NxGen Inventors.

-Completed a 5-week internship as a front-end developer using ReactJS.Gained proficiency in React and state management.

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

-Resume Site : [raamji2403.github.io/myresume/](https://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.

### Labour Management System | Full-Stack

-Developed a full-stack Labour Management System using ReactJS and PHP, allowing users to add, edit, delete, and list labour details.

-Designed to efficiently manage daily wagers' records, ensuring seamless data handling and user-friendly interface.

### A Study on DREBIN Dataset | Data Mining

-The Drebin dataset, in JSON format, includes mobile app records for malware detection. Data processing involves NLP techniques like Bag of Words, TF-IDF, and frequency counting, followed by machine learning models such as Random Forest and KNN for classification.

### 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

## COURSEWORK

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

## 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 & various round like UNO Bidding, Round Robin etc...

## WINNINGS & PARTICIPATIONS

- **#2 - Pentagon** : A Weekly Coding Contest (5 weeks ) conducted by Coding Club at PSG-CT.
- **Code-A-Thon** : An Hackathon (24hrs) event conducted by Caterpillar Inc. and provided solution for a real world problem.
- **KRIYA 2023 & 2024**: An inter-college event conducted by SU,PSG-CT. Participated in many Technical event and mini hackathons (3-4hrs).