

## SAKTHI S

19PW27

Gender Female  
Date of Birth 24<sup>th</sup> February 2002  
Languages known English, Tamil  
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### Address

5/10 D, Teacher's colony,  
Bharathipuram, Pallapayam (Po)  
Coimbatore, Tamil Nadu - 641103

### OBJECTIVE

To obtain a position as a software developer from November 2023.

### ACADEMIC QUALIFICATION

Currently pursuing 5<sup>th</sup> year of 5 year Integrated M.Sc. Software Systems at the Department of Applied Mathematics and Computational Sciences at PSG College of Technology.

### SKILL SET

Languages	C, C++, Python, Java, JavaScript, R programming, MATLAB, flutter
Platform	Windows, Linux
Tools	Git, Heroku, Postman, Matlab
Libraries	React
Back end	PHP, MYSQL

### AREAS OF INTEREST

- Machine Learning
- Database Management System
- Full Stack Web Development
- Internet Of Things

### ACADEMIC RECORD

- M.Sc Software Systems** 2019-2024  
PSG College of Technology, Coimbatore **9.38 CGPA**
- XII (Higher secondary, CBSE)** 2019  
SSVM World School, Coimbatore **94.6%**
- X (SSLC, CBSE)** 2017  
SSVM World School, Coimbatore **10 CGPA**

### INDUSTRY BASED PROJECT EXPERIENCE

#### KGISL-GSS | Full Stack Developer

(June 2021 - August 2021)

Collaborated with management on an internal recruitment application. Assisted in the front end design and deployment of the application. Used Power Automate to streamline workflows between modules in the application to get notifications, sync files, and gather data.

#### Vunet Systems | Software Developer

(June 2022 -Dec 2022)

Designed a Control Center Module for the monitoring system product developed using react ts and django. This module manages the orchestration of the containerised services offered by the monitoring system.

Created an avro file generator utility in Java to store the processed output for an in house ETL Tool. Optimized the time of the output network call with the creation of the dynamic avro file. Worked on the UI of the ETL application in react framework.

## **ACADEMIC PROJECTS**

- **CastMyVote**  
Developed using php and mysql. This application allows admins to securely conduct elections with registered voters. It also manages candidates, positions and calculates results.
- **CryptImage**  
Developed using python. This text encryption application embeds an encoded message into an image by using the least significant bit method. The program can also decode the message from the stego image.
- **Donationally**  
Developed using MERN stack. This is a charity search and donation application that helps users to stay informed about world events and opportunities to donate. The application uses MongoDB to save user information and "favorited" charities.
- **POS Tagger**  
Developed using Python. This application performs POS tagging for words using an improvised version of the Viterbi algorithm where the POS process is modeled using HMM.

## **NON ACADEMIC PROJECTS**

- **Epileptic Seizure Classifier**  
Developed using python. This application finds the most suitable machine learning algorithm that would detect if a patient is having a epileptic seizure or not through 178 EEG readings per second.
- **UpToDate**  
Developed using flutter. This mobile application is integrated with the newsapi.org and allows users to browse top news articles from different countries with category filters.

## **EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS**

- Participated in the **ACM summer school** events on **IOT and embedded systems**.
- Participated in a **Hackathon** conducted by hackerearth during May 2021.
- Completed course with certificate on **AWS fundamentals** on Coursera.
- Trained in **Bharatanatyam** for 8 years.
- Avid **Yoga Practitioner** and **pet enthusiast**.

## **DECLARATION**

I, Sakthi S, do hereby confirm that the information given above is true to the best of my knowledge.

Place: Coimbatore

Date : 06/07/2023

(Sakthi S)