

MEDAM SAI PRANATHI

20PW21

Gender Female
Date of Birth 11th June 2003
Languages known English, Tamil, Telugu, Hindi
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Address

8-128, Raghu Enterprises, Gandhi Chowk,
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OBJECTIVE

To obtain a position as a student intern from June 2023 to November 2023.

ACADEMIC QUALIFICATION

Currently pursuing 3rd 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	Python, C++, C, SQL, HTML , CSS, ReactJS
Platform	Windows
Tools	GitHub, Matlab

AREAS OF INTEREST

- Data Structures
- Database Management System
- Object Oriented Programming
- Web development

ACADEMIC RECORD

- **M.Sc Software Systems** 2020-Present
PSG College of Technology, Coimbatore **8.79 CGPA**
- **XII (Higher Secondary, State Board)** 2020
Pinegrove Junior College, Hyderabad **96.50 %**
- **X (SSLC, State Board)** 2018
Golden Bells English Medium School, Kalyandurg **10.00 GPA**

NON-ACADEMIC PROJECTS

- **StepSetRun**, a **survival game**, developed in **Python** using **dictionaries**, **list** and **pygame**. To finish the game, the player must overcome obstacles. Additionally, the player can boost their speed and jumping ability to reach the destination quickly.
- **QuickLook**, a **content-based recommender system**, developed in **Python**, that recommends movies similar to the movie user likes and analyzes the sentiments of the reviews given by the user. It is implemented by **KNN**, **Decision Tree** and **Random Forest** models.

ACADEMIC PROJECTS

- **FlexiPay**, a **paytm simulator**, developed in **C++**. It mimics aspects of online banking like **account creation** and **transactional** activities. The transactions and client information are kept in files and are accessed at a later time using the **file handling** concepts.
- **Checkers**, a **chess game application**, developed in **Python**. It is a **multiplayer** game created using the server-client model in which two users play this game each being a client. Server is programmed to check the status of the game and pass on the chessboard to the respective user, until one of them loses the match.
- **QuickEdit**, a **text editor** implemented using **rope data structure**, developed in **C++**. Functionalities like insertion, deletion, search, cut, copy, paste and concatenation were incorporated while maintaining constant time complexity.
- **Let's Chat!**, a real time **chat application** created using **React** and **Firebase**. A user can join the chat room and send messages after authenticating with their Google account. Functionalities like message sending, room creation and room joining are incorporated.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- **Third place in Math Quiz Event(team)** conducted by Sri Sivasubramaniya Nadar college held on 29.05.2021.

DECLARATION

I, Medam Sai Pranathi, do hereby confirm that the information given above is true to the best of my knowledge.

Place: Coimbatore

Date : 05/12/2022

(Medam Sai Pranathi)