KARTHIKEYAN R
20PW17

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Languages known	English, Tamil
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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, Java and Javascript
Platform	Windows
Web Technologies	HTML,CSS,ReactJS,NodeJS,ExpressJS,MongoDB
Tools	Github, Figma, Postman, Selenium

AREAS OF INTEREST

- Web Development
- Object Oriented Programming
- Machine Learning
- Database Management Systems

ACADEMIC RECORD

- **M.Sc Software Systems**   *2020-Present*
  PSG College of Technology, Coimbatore.   **8.25 CGPA**

- **XII (Higher secondary, CBSE)**   *2020*
  Sri Chaitanya, Bangalore.   **87.00 %**

- **X (SSLC, CBSE)**   *2018*
  TVS Academy, Tiruvannamalai.   **89.80 %**

NON-ACADEMIC PROJECTS

- **A2Z Shopping** - A full-fledged **E-commerce website** with login page, product page, and checkout page that permits user authentication and real time cart checkout. Additionally, there are Real Payment features. The **MERN** stack is used to develop the whole project.

- **Instagram-Web Scraper** - It's a straightforward **Python** script that allows you to web scrape the Instagram site and download the posts as picture files to a location of your choosing. We connect to Chrome using the **webdriver** tool, then use **Selenium** to crawl the website. Finally, the photographs are saved on the device based on the provided image count.

ACADEMIC PROJECTS

- **Socket-Chat** - A chatting **web application** with proper UI designs where a user can login and chat with each other. **ReactJS** is used to construct the front end, and **NodeJS** and **ExpressJS** are used to host the servers and manage endpoints. **Socket.IO** is used to process live messages, making them instantaneously available and allowing users to see their progress as they type.

- **Dominant Color Picker** - The project is used to identify the dominant color from the many colors included in the submitted image. Basically, **K-Means** is a **machine learning** clustering technique that divides a set of data points into k-groups. We may infer the dominating color from the data and did data visualization by showing the appropriate color graphs.

- **Hospital Management System** - A neat **Java Application** that manages three separate users for administration and registrations. The project developed using **HTML, BootstrapCSS, Javascript** with Apache tomcat server. **Servlet** was used for backend activities. The project contains all essential functionalities and appropriate graphics.

- **Pyramid Solitaire** - The goal of this card game is to remove every card from the Pyramid. By combining two cards with a combined card rank of 13, you can eliminate cards from your hand. In **C++**, **Graph and Stack** data structures are used to construct the game. The CUI-based game is played by selecting the potential matches.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- **Badminton Inter School** -Secured **first place** in the Inter School zonal level tournament.
- **First place** in making a short film "The solution" in inter school level 2018.
- State level **First place** for Drama played by our team in Kala Utsav, 2018.
- **Editor Head** for the School magazine in the academic year 2016-18 and 2017-2018.

DECLARATION

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

Place: Coimbatore

Date : 14/02/2023   (Karthikeyan R)