RAGHAVAN M
20PW26

Gender	Male
Date of Birth	3rd March 2002
Languages known	English, Tamil
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18, Tamilnad mercantile bank officers apartment,
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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	C, Java,C++, Python,SQL, Javascript
Libraries	React
Frameworks	Spring boot,Flask,pytest,NodeJs,ExpressJS
Platform	Windows

AREAS OF INTEREST

- Backend development
- Object Oriented programming
- Data Structures and Algorithm
- Supervised and unsupervised learning

ACADEMIC RECORD

- **M.Sc Software Systems** *2020-2025*
  PSG College of Technology, Coimbatore **7.88 CGPA**

- **XII (ISC)** *2020*
  The Vikasa school, Tuticorin **85.00 %**

- **X (ICSE)** *2018*
  The Vikasa school, Tuticorin **81.40 %**

INDUSTRY EXPERIENCE

WEB DEVELOPMENT INTERN

- **Maxbyte Technologies**   JUN 2022-PRESENT
  Developing the front-end for the digital audit and maintenance systems.More than 60% of the procedure for auditing and maintaining clients' machines has been automated.Developed with **ReactJS** for front-end.

NON-ACADEMIC PROJECTS

- **BerigrowwGPT** - A simple website specifically, a **chatbot** that assists students in succeeding in their placement by resolving their doubts. **ExpressJS** is the **backend**, with **HTML, CSS, and JS** as the **frontend**. Additionally, it provides challenging programming problems for the user to try and solve based on topic input from the user. The application is integrated with **OpenAI api** to carry out all activities.

- **GRADETHEM** - A **backend** service that makes it easier for a school environment to grade assignments. Has a number of **APIs** for carrying out operations. Using the **Flask framework** and libraries like **Blueprints**, **Marshmallow**, and **SQLAlchemy** the application was developed. **Pytest** was used to test the application. Uses **Gunicorn** server for enhanced scalability in a production environment.

ACADEMIC PROJECTS

- **Fin searches for you** -A light-weight website that accepts **image** as an input in the form of file, link, or keyword then returns the best matches. Uses **HTML, CSS,** and **JS** as the frontend and **flask** as **backend**. Integrated with third-party **API** for image search and best match retrieval.

- **Berikout** - Developed an application to predict stress using **classification** algorithms such as **Gaussian naive bayes** and **K-nearest neighbors** on **Heart rate variability** analysis data in **python**, computed the best model using appropriate performance measures.

- **Emotional companion -** A backend which performs CRUD operations and receives user input as text and **POST**s it to an **API** to retrieve the input's emotional metrics.Implemented in **Spring Boot .**

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Was a **Member of astronomy club** in academic year 2021-present
- **Unity** and **Blender** developer
- Participated in the **CODE-A-THON** conducted by **CATERPILLAR** India, and received a certificate for persisting till the final phase.
- **Digital artist**

DECLARATION

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

Place: Coimbatore
Date : 15/12/2022   (Raghavan M)