

PARAMAGURU H

22PD27

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Address

76 A, Raja Nandha Gopal Street, Porur,
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OBJECTIVE

To obtain a position as an intern for a period of six months from May 2025 to November 2025 in your Company

ACADEMIC QUALIFICATION

Currently pursuing 3rd year of 5 year Integrated M.Sc. Data Science at the Department of Applied Mathematics and Computational Sciences at PSG College of Technology.

SKILL SET

Languages	Python , C++ , C
Libraries	Sckit learn , Tensorflow , Streamlit
Tools & Framework	LangChain , LangGraph , Tableau , Flask , Anaconda
Database	Oracle , Pinecone , Mongoddb , Neo4j

AREAS OF INTEREST

- Retrieval Augmented Generation
- Supervised Learning Algorithms
- Business Analytics
- Data Visualisation

ACADEMIC RECORD

- M.Sc Data Science** 2022-2027
PSG College of Technology, Coimbatore **7.02 CGPA**
- XII (Higher secondary State board)** 2022
SWAMY'S Hr Sec School, Chennai **88.16 %**
- X (SSLC, State board)** 2020
SWAMY'S Hr Sec School, Chennai **73.80 %**

INDUSTRY BASED PROJECT EXPERIENCE

- Younity.in | Intern** (April 2023)
As a Business Development and Research Specialist Intern at Younity.in, I explored growth opportunities, conducted market research, and enhanced skills in analysis, relationship building, and project management to support company objectives

NON-ACADEMIC PROJECTS

- [ANATO-MIND](#)

A multimodal chatbot trained on medical anatomy books, integrating text, tables, and images within a vector database. It features a responsive Q&A interface supporting image-based searches to find similar images and related content. Powered by a multimodal **LLM** with **Retrieval-Augmented Generation** (RAG), it employs **LangChain** for interactions, **Pinecone** for vector search, and **MongoDB** for metadata storage.

ACADEMIC PROJECTS

- [SUBSCRIBE SMART](#)

A dual-method approach to predict subscription churn using **Scikit-Learn** library and **TensorFlow**. The project integrates traditional supervised learning models and Complex neural networks, visualized via a **Streamlit** application, with enhanced accuracy from hyperparameter tuning methods.

- [WILDVIEW](#)

A **Flask**-based web application that enables users to upload and search for animals in videos using the latest **YOLOv8** model for real-time object detection. It provides video summaries, generates Q&A based on detected animals, and features a user-friendly dashboard for content overview.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Completed Oracle Cloud Infrastructure 2024 Generative AI Certification, gaining expertise in generative AI and large language models (LLMs). Acquired skills in advanced AI technologies and applications.
- As Joint Secretary of NSS at PSG TECH, led 250 in community projects and trained volunteers. Spearheaded initiatives in education, healthcare, and sustainability.
- Designed promotional posters and edited videos for campus events and projects using Adobe Creative Suite. Created event recaps, promotional content, and educational videos, enhancing visual communication.

DECLARATION

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

Place: Coimbatore

Date : 11/09/2024

(Paramaguru H)