

## Varsha S

### 21PD39

Gender Female  
Date of Birth 11<sup>th</sup> November 2003  
Languages known English, Tamil  
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#### Address

140, Buddhar Street, Krishnapuram,  
Saravanampatti(Po),  
Coimbatore-641035

#### OBJECTIVE

To obtain a position as a student intern from June 2024 to November 2024.

#### ACADEMIC QUALIFICATION

Currently pursuing the 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++, SQL
Platform	Windows
Tools	VS Code, PowerBI, Tableau, Jupyter Notebook

#### AREAS OF INTEREST

- Data Analytics & Visualization
- DBMS
- Supervised and Unsupervised Learning

#### ACADEMIC RECORD

- **M.Sc Data Science** 2021-2026  
PSG College of Technology, Coimbatore **7.65 CGPA**
- **XII (Higher secondary, State board)** 2021  
Vimal Jyothi Convent Matric. Hr. Sec School, **93.60 %**  
Coimbatore
- **X (SSLC, State board)** 2019  
Vimal Jyothi Convent Matric. Hr. Sec School, **94.00 %**  
Coimbatore

## NON-ACADEMIC PROJECTS

- [NeuroInsight: Advanced EEG Analytics Platform:](#)

Developed a **Python**-based EEG analytics platform using **Streamlit**. Normalized data for consistency, explored ADHD-related patterns, and integrated machine learning model **SVM** for classification. Implemented **spectral clustering** for structural insights. User-friendly interface with included accuracy metrics and rank calculation.

- [AutoSense: Simplifying Car Choices :](#)

Crafted an interactive Car Decision Analytics Dashboard using **Python** and **Streamlit**, focusing on **data preprocessing**, **exploratory analysis**, and making decisions using ML algorithm - **decision tree** models. Aiding users in making informed decisions of cars with ease.

## ACADEMIC PROJECTS

- [E-Commerce Nexus: Order, Track, Analyze:](#)

Built an E-Commerce Website using **Python**, featuring **Deta** for DBMS connectivity, **Streamlit** UI, **Twilio** for communication, and **PowerBI** for interactive visualizations. Ensuring a seamless experience, it streamlines e-commerce processes for both users and administrators.

- [Smart Content Navigator: Article Recommender:](#)

Created a **Python-based** smart content recommender using **Streamlit**, incorporating **TF-IDF** and **decision tree** machine learning models for a broad range of article recommendations. Showcased proficiency in decision support methodologies to enhance the overall user experience.

- [WebSpy: Intelligent Web Crawling and Scraping Tool:](#)

This project demonstrates proficiency in web crawling and scraping techniques using **Python**. It employs **data structures** like **queues** to implement a breadth-first crawling approach, ensuring efficient exploration of web pages. It also showcases the use of libraries like **Beautiful Soup** for parsing HTML content.

## EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Committed Technical Assistant at **RadioHub** - **PSG's Community Radio 107.8**, driving excellence in radio broadcasting and digital platforms.
- Elected as **Assistant School Pupil Leader** in HSC 1st year, and subsequently appointed as **School Pupil Leader** in HSC 2nd year.
- Selected as **Class Representative** for the year 2023-2024.
- Completed **JPMorgan Chase & Co.'s** Excel Skills on Forage.
- Participated in various events conducted by **Coding Club** at PSG college of Technology.

## DECLARATION

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

Place: Coimbatore

Date : 23/01/2024

(Varsha S)