SUNIL J
22PD36

Gender	Male
Date of Birth	16th May 2004
Languages known	English, Tamil
Email	**22pd36@psgtech.ac.in**
Mobile	**+91-9840349114**
Github	**github.com/SuniL-0007**
Linkedin	**linkedin.com/sunil-j**

Address

C-103, S&S UNI5, Railway Station Road, Chennai-600080,
Tamil Nadu.

OBJECTIVE

To obtain a position as a student intern in May 2025 to November 2025.

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++ , SQL
Libraries and Frameworks	Pandas , Scikit-learn , Matplotlib , Flask
Tools	Excel , Power BI

AREAS OF INTEREST

- Data Analytics
- Supervised Learning
- Business Analytics

ACADEMIC RECORD

- **M.Sc Data Science**
  PSG College of Technology, Coimbatore

  2022-2027
  8.23 CGPA

- **XII (Higher Secondary, State Board)**
  SBOA Matric. Hr. Sec School, Chennai

  2022
  95.50 %

- **X (SSLC, State Board)**
  SBOA Matric. Hr. Sec School, Chennai

  2020
  93.20 %

INDUSTRY BASED PROJECT

- **Ashok Leyland** | Business Analytics Intern *(May 2024 – June 2024)*
  During the internship at Ashok Leyland, sales data was analyzed using **Excel** and **Python** to provide insights for the sales team dashboard. Market coverage and share were enhanced by identifying trends, seasonality, and performance patterns . Practical skills in data analysis, statistical inference, and business insight generation were gained through this experience.

NON-ACADEMIC PROJECTS

- **Social Spotlight Solutions**

  This project analyzes the Deezer Europe Social Network dataset using social network analysis techniques. It uncovers hidden patterns through community detection, identifies influential users using metrics like centrality, and predicts future user connections with link prediction methods.

- **Exam Scheduler**

  Implemented in **Python** that uses vertex coloring techniques to efficiently schedule final exams for students based on their course requirements and provides clear visual representation of the scheduled exams.

ACADEMIC PROJECTS

- **Property Pricer**

  Developed a machine learning model for property price prediction using web scraped data. Built and evaluated regression models, including **Random Forest** and **Gradient Boosting Regression** , achieving high predictive accuracy . Effectively leveraged python libraries such as **Pandas**, **Scikit-learn** to preprocess data and evaluate model performance.

- **Action Rule Mining**

  Implemented action rule mining on a **credit approval dataset** in Python using the **DEAR2 algorithm.** Used **confidence, lift, and support** for evaluating the actionable rules to enhance decision-making and optimize approval processes.

- **GymEase Software**

  Implemented using **Flask** and **MySQL**, this software streamlines the management of various administrative and user operational tasks in a gym, including member registration, attendance and performance tracking, along with equipment handling.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Football player , been part of my school team and participated in many inter school tournaments.
- Have participated in many Abacus Competitions and won many prizes.

DECLARATION

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

Place: Coimbatore
Date : 20/11/2024   (Sunil J)