

SATHAPPAN PR

STUDENT

YEAR OF COMPLETION 2024

SKILLS & ABILITIES

- ✓ Programming Languages: Python, SQL, R
- ✓ Data Analysis: Python Libraries (NumPy, Pandas)
- ✓ Data Visualization: Matplotlib, Seaborn
- ✓ Machine Learning
- ✓ Tools: Tableau, Microsoft Excel
- ✓ Communication Skills

CONTACT DETAILS

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LinkedIn: [link](#)

GitHub: [link](#)

LANGUAGES

English, Tamil

PROJECTS

Enhancing Traffic Sign Board Detection Using Deep Learning and Simulation

About - Implemented YOLOv8m model within CARLA simulation to dynamically regulate car speed based on real-time object detection, showcasing proficiency in computer vision and autonomous vehicle control.

GitHub [link](#)

Analyses growth and present insights to the Telangana Government

About - By conducting research, provide tangible insights to the Telangana government about tourism growth and address several primary and secondary questions. This analysis employs the 5W1H methodology.

GitHub [link](#)

Provide Tangible Insights to Sales Director

About - Descriptive analysis was utilized to analyze store performance, promotion types, and product/category dynamics in order to optimize the sales strategy and identified top performing stores, promotion types, and product categories to drive revenue growth.

GitHub [link](#)

OBJECTIVE

Detail-oriented data scientist with a robust foundation in statistical analysis, machine learning, and predictive modeling. Proficient in utilizing Python, R, SQL, and advanced data visualization tools to extract actionable insights and develop innovative solutions from intricate datasets. Skilled in designing and implementing machine learning algorithms to drive business value and strategic decision-making.

INTERNSHIPS

KPMG

July 1st, 2023 to July 31st, 2023

Roll - Data Analytics Consulting

About - Keep track of customers to foster business growth. In order to identify the top 100 clients, **RFM analysis** is used in this project.

GitHub [link](#)

Career Growth 360, Chennai

October 2022 to November 2022

About - The internship covered basics of Data Structures and Algorithms (**DSA**) and Object-Oriented Programming (**OOPs**) concepts. Completed a Python spell checker project during the internship.

GitHub [link](#)

iNeuron, Bangalore

August 2021 to September 2021

Project Title - Adult Census Income Prediction

Technologies - Machine Learning Technology

Domain - Finance

About - Developed and compared six Machine Learning models for income prediction, ultimately implementing a **Random Forest** model achieving superior **accuracy matrix** and **F1 score** in identifying individuals with incomes exceeding \$50K/month.

GitHub [link](#)

EDUCATION

B. TECH Mechatronics, SASTRA DEEMED UNIVERSITY

- CGPA as of now 7.21

Diploma Mechatronics, RANE POLYTECHNIC TECHNICAL CAMPUS (DOTE)

- 95 Percentage

- Year of completion June 2021

- First class with superlative distinction

ALPHA WISDOM VIDYASHRAM (CBSE)

- 56.8 Percentage

- Year of completion May 2018