

SATHAPPAN PR

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

CONTACT DETAILS

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Email: sathappanpr2002@gmail.com

LinkedIn: [link](#)

GitHub: [link](#)

Portfolio: [link](#)

LANGUAGES

English, Tamil

PROJECTS

Enhancing Traffic Sign Board Detection Using Deep Learning and Simulation

About - Integrated the **YOLOv8m model** into the **CARLA simulation** to dynamically adjust car speed based on real-time object detection, achieving an impressive accuracy of **99%**. Performed manual annotation on **1200 images** to compile a high-quality dataset for training the model.

GitHub: [link](#)

Analyses growth and present insights to the Telangana Government

About - Executed **data-driven research** to uncover **tangible insights** for the Telangana government. To improve top 3 states. Explored tourism growth trends using over **3,000 data** points. Employed the **5W1H methodology** to address primary and secondary questions related to tourism.

GitHub [link](#)

Provide Tangible Insights to Sales Director

About - Conducted **descriptive analysis** on sales data to identify 3 areas for improvement.

Utilized **SQL queries** to analyse **22,515 data points**.

GitHub [link](#)

INTERNSHIPS

KPMG

- ✓ **Duration:** July 1st, 2023, to July 31st, 2023
- ✓ **Role:** Data Analytics Consulting Virtual Internship
- ✓ **Responsibilities:**
 - Tracked over 1000+, customer behavior to drive business growth.
 - Utilized **RFM analysis** to identify the **top 100 clients**.
- ✓ **GitHub** [link](#)

Career Growth 360, Chennai

- ✓ **Duration:** October 2022 to November 2022
- ✓ **Focus Areas:**
 - **Aptitude Problems:** Solved over 40 problems.
 - Orchestrated the successful completion of a Python **Spell Checker Project**, integrating python library to detect and correct spelling mistakes in real-time, resulting in a 30% boost in user engagement and retention.
- ✓ **GitHub:** [link](#)

iNeuron, Bangalore

- ✓ **Duration:** August 2021 to September 2021
- ✓ **Project Title:** Adult Census Income Prediction
- ✓ **Technologies:** Machine Learning Technology
- ✓ **Domain:** Finance
- ✓ **Project Overview:**
 - Developed and compared **Six Machine Learning** models for income prediction.
 - The highlight was the implementation of a Random Forest model that achieved an impressive **98% accuracy** and a good **F1 score** in identifying individuals with incomes exceeding \$50K per 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