SRISAILAM PRANEETH GOWD

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OBJECTIVE

Motivated B.Tech student in Computer Science and Engineering with a strong foundation in data science, Python,and machine learning.Seeking an internship to apply my analytical and programming skills to solve real-world problems effectively.

EDUCATION

Bachelor of Technology in Computer Science and Engineering
Kalasalingam Academy of Research and Education.
CGPA-8.48   **2022- 2026**
Relevant Coursework: Machine Learning, Data Structures and Algorithms, Database Management, Probability and Statistics.

Intermediate
Narayana Junior College
Percentage-81   **2020 - 2022**
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SKILLS

Programming Languages	Python, SQL, PHP, Java
Framework/Libraries	Bootstrap,Numpy,Pandas,Matplotlib
Concepts	Data Cleaning,Data Preprocessing,Web Scraping
Data Visualization	Power BI, Tableau
Soft Skills	Problem-Solving, Critical Thinking, Communication, and Teamwork

PROJECTS

Emergency Response Resources Allocation:
This project aims to Resource allocation in hospitals using the Bipartite Graph Matching and Hopcroft-Karp Algorithm. In emergency response scenarios, effective and timely allocation of resources is critical for minimizing the impact of crises and saving lives. This research proposes an optimization model for emergency response resource allocation based on bipartite graph matching techniques (Try it here)

Smart Waste Management System–
Developed a web-based Smart Waste Management System for municipal departments to enhance waste disposal efficiency.Users can upload photos of waste, allowing administrators to assign cleaning tasks efficiently.Users earn reward coins for their contributions, which can be redeemed for monetary benefits.Built using HTML, CSS, JavaScript, PHP and MySQL, the system promotes community engagement, faster waste management, and a cleaner environment.

Universal Warranty Bill Tracker–
To create a centralized platform where users can upload, manage, and track warranty-related details of their purchased products, along with their corresponding bills/invoices. This system helps prevent warranty expirations by keeping users informed.(Try it here)

CERTIFICATES

- Data Analytics and Visualization Job Simulation– Accenture.
- Python Development for Data Science – Udemy.
- Database Management System (DBMS)– CodeChef.
- Design and Analysis of Algorithms– CodeChef.