VEDURURI SREENIVASULU

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OBJECTIVE

Motivated final year B.Tech student in Computer Science and Engineering with a strong foundation in programming, data science, and software development. Interested in applying my analytical and technical skills to solve real-world problems and contribute to impactful technology solutions in a full-time role.

EDUCATION

Bachelor of Technology in Computer Science and Engineering
Kalasalingam Academy of Research and Education, Krishnankovil, Virudhunagar, TamilNadu   **2022 – present**
CGPA – 8.37
Intermediate (MPC)
Narayana Junior College, Kadapa, Andhra Pradesh   **2020 – 2022**
Percentage – 90%

SKILLS

Programming Languages	Python, Java(Basic)
Web Technologies	HTML, CSS, JavaScript
Databases	SQL (MySQL)
Libraries/Frameworks	Bootstrap, NumPy, Pandas, Matplotlib
Data Tools	Power BI, Tableau, Microsoft Excel

EXPERIENCE

Data Science & Analytics Intern   *Remote — Sep 2024 – Oct 2024*
INNOVATE Intern
- Completed an 8-week AICTE-certified internship focused on data analysis.
- Developed project: **Chroma Sense: A Data-Driven Approach to Color Detection and Analysis**

PROJECTS

Emergency-Resources-Allocation:
Designed a hospital resource allocation system using Bipartite Graph Matching and the Hopcroft-Karp Algorithm. Developed an optimization model for emergency scenarios, enabling effective and timely allocation of medical resources. (Live Demo)

Smart Waste Management System:
Built a web-based Smart Waste Management System to streamline municipal waste disposal. Users upload waste images and administrators assign cleaning tasks. Integrated a rewards system using redeemable coins.
Tech stack: HTML, CSS, JavaScript, PHP, MySQL.

ChromaSense – A Data-Driven Approach to Color Detection and Analysis:
Built a Python-based system to detect and analyze dominant colors in images using OpenCV, NumPy and Matplotlib. Applied histogram-based segmentation and clustering techniques to extract visual insights. Gained hands-on experience with data preprocessing, color theory and presenting results using data visualization.(Live Demo)

CERTIFICATIONS

- Data Analytics and Visualization – Accenture.
- Database Management System (DBMS) – CodeChef
- Microsoft Excel Expert – Udemy