SRIYA MUDDAMSETTY

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LINKEDIN	www.linkedin.com/in/sriyamuddamsetty
PROFILE	I am a detail-oriented individual with a strong passion for deriving meaningful insights through data analysis and machine learning. Through academic projects and personal initiatives, I have developed expertise in statistical modeling, programming, and data-driven problem-solving. I am eager to apply my skills in a professional environment, contributing to impactful solutions and driving innovation through data.

EXPERIENCE

Data Science Intern, Codegnan IT Solutions
Feb 2023-Jun 2023

In the role of Data Science Intern at Codegnan IT Solutions, valuable experiences were gained in applying data science techniques to solve practical problems. Responsibilities encompassed:

- Developing predictive models to enhance decision-making processes through data-driven insights.
- Collaborating with team members to clean and preprocess data, ensuring a high standard of data quality.
- Utilizing machine learning algorithms to analyze and interpret complex datasets.
- Developed a helmet detection and number plate recognition system using YOLOv8 and deep learning techniques.

Web Development Intern, Codegnan IT Solutions
Sep 2022-Jan 2023

As a Web Development Intern at Codegnan IT Solutions, the focus was on creating and optimizing the web application. Key activities involved:

- Crafted a complete website for the company using Webflow, overseeing both design and development aspects.
- Collaborating on the design and implementation of user-friendly web interfaces.
- Managed the website's functionality and conducted regular updates.
- Collaborated with the marketing team to create dedicated landing pages for new marketing campaigns.

EDUCATION

P.B. Siddhartha College of Arts and Science

Master of Science - Computational Data Science	2023-2025
Bachelor of Science - Data Science	2020-2023

PROJECTS

Helmet and License Plate Recognition System

- Developed a system that detects helmets and recognizes license plates from live video data using YOLOv8.
- Integrated an email notification system to alert identified violators based on recognized license plate numbers.

Codegnan Website

- Designed and developed a fully functional website for Codegnan IT Solutions using Webflow, focusing on user experience and design aesthetics.

Warehouse Management System

- Designed and developed a Warehouse Management System to simulate real-world business operations, focusing on core functionalities like inventory management, order processing, and customer interaction.
- Integrated an NLP-based chatbot into the system to assist users with order tracking, FAQs, and product information.
- Integrated sales analytics and forecasting to support data-driven stock planning.
- Live Demo: https://sriyawms.onrender.com/

PUBLICATIONS

Paper Title: Enhancing Attendance Management with CNN-Based Face Recognition: A Secure and Efficient Approach

DOI: https://doi.org/10.47392/IRJAEM.2025.0358

Developed a Flask-based class attendance system using facial recognition (CNN) and automated Excel logging via webcam capture.

SKILLS

- Python
- SQL
- Machine Learning
- Power BI
- Communication Skills
- Web Flow