

SRIHARI B

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PROFILE SUMMARY

As an aspiring Web Developer, I am eager to continuously learn and grow in the field. I quickly adapt to new technologies, requiring only a few weeks to transition to any tech stack. By leveraging AI-driven tools and methodologies, I enhance productivity and accelerate development cycles. My ability to utilize AI for learning enables me to stay ahead of industry trends and rapidly master emerging technologies.

SKILLS

• BACKEND	• JAVA,
• FRONTEND	• HTML, CSS, JS, BOOTSTRAP
• DATABASE	• SQL
• ML LIBRARY	• YOLO(V7,V8) , TAO and VIT Classification

INTERNSHIPS

Lumin AI Systems | Consultant

Bangalore | 10/2023-11/2023

- Developed a heart attack prediction web application using Flask, implementing Random Forest and Linear Regression, achieving 92.23% accuracy.
- Collaborated with Lumin AI Systems and a hospital for a Heart Attack Awareness Program, integrating a risk-based incentive system that offers discounts on checkups for high-risk individuals.

Pixuate | Intern

Bangalore | 02/2025-Present

ESSAE Project – Heavy Vehicle Extension Measurement

- Implemented TAO classification and YOLOv7 detection for vehicle extension analysis.
- Improved dataset from 40,000 to 75,000 through data cleaning and augmentation.
- Enhanced classification accuracy from 88% to 96% and detection accuracy from 85% to 97.3%.

PROJECTS

Smart Traffic Violation Detection System

- Tech Stack: Flask, YOLOv8, OpenCV, MySQL
- Developed an AI-powered system to detect traffic violations (triple riding, signal jumping) using YOLOv8 and Flask.
- First Version: Achieved 82% accuracy but struggled with detecting violations in crowded roads and partial occlusions.
- Improvements:
 - Expanded dataset from 50,000 to 90,000 images, including more diverse road conditions.
 - Improved model training with better labelled data, boosting accuracy to 95.2% and reducing false positives by 30%.
- Detected violations were stored in MySQL, including image references, timestamps, and classification results for further analysis and reporting.

EVENT HUNT

- Tech Stack: Flask, HTML, CSS, Bootstrap, jQuery, MySQL
- Created an event aggregation platform using BeautifulSoup for web scraping and SMTP for email confirmations, with a built-in chatbot for user assistance.

EDUCATION

Sri Krishna Institute of Technology | B. E CSE

Bangalore | 2021-Present

GPA:9.01

St. Martin's High School | SSLC

Bangalore | 2018

Percentage: 89.16%