SURYA J

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EDUCATION

Sri Eshwar College of Engineering	**B.E (CSE-AIML)**	**7.97 (till 2nd semester)**	**2023 - 2027**
PSG Public Schools	**HSC**	**74.8%**	**2021 - 2023**
PSG Public Schools	**SSLC**	**84%**	**2020 – 2021**

INTERNSHIPS

Moksa.ai   **[November 2023 – January 2024]**

Assisted in **data annotation** process, meticulously **labeling** and annotating **video datasets** to create ground truth labels for training **machine learning models**. Collaborated with seniors and mentors to develop annotation guidelines and protocols for consistent and reliable labeling across datasets. Gained valuable insights into the importance of high-quality labeled data in training accurate and robust machine learning models for video analysis tasks.

PROJECTS

Intelligent Face Recognition and Attendance System with Liveness Detection

Developed an Intelligent Face Recognition and Attendance System with Liveness Detection to automate attendance tracking. Utilizing computer vision, deep learning, and liveness detection, the system ensures efficient, secure identification while preventing spoofing attempts, providing reliable attendance recording.

AI-Enhanced Complaint Management System for Rail Madad

Developed an AI-driven model for an enhanced complaint management system for Indian Railways, utilizing Convolutional Neural Networks (CNNs) for real-time multimedia analysis and Natural Language Processing (NLP) for sentiment analysis. The model automates the categorization and prioritization of passenger complaints, significantly improving operational efficiency and response times.

CERTIFICATIONS

Supervised Machine Learning: Regression and Classification	**- DeepLearning.AI, Stanford University**	**2024**
Python for Data Science	**- IBM**	**2024**
Mastering Data Structures & Algorithms using C and C++	**- UDEMY**	**2024**
Complete C developer course for beginners	**- UDEMY**	**2024**
Pandas	**- KAGGLE**	**2024**
Python for machine learning	**- GREAT LEARNING**	**2023**
Python Matplotlib	**- GREAT LEARNING**	**2024**

ACHIEVEMENTS

Won **2nd** prize in Paper presentation - Organized by Computer science department at Karpagam College of Engineering.

Top **5** in Codefiesta - Conducted by Sri Eshwar College of Engineering

Attended college level hackathon at Coimbatore institute of Technology.

HACKERRANK| **3** Star Python , **2** Star SQL , **1** Star C++ , **1** Star C

SKILLS

Languages	-	C, C++, Python , HTML,CSS, JavaScript
Core	-	Data structres and Algorithms , Object oriented programming
Tools/Platform	-	MS Excel , GitHub, GIT, VS Code, Jupyter Notebook , Canva , MIT App Innvertor
Libraries	-	Numpy, Panda, Matplotlib
Framework	-	Tensorflow
Database	-	MySQL
Non technical	-	Good communication skills and strong determination.