



GOKUL C



Sri Eshwar

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[LinkedIn](#)

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Education

B.Tech(AI&DS) - Sri Eshwar college of Engineering CGPA : 7.93 (upto 6th sem)	2021 - 2025
High School - Kongu Matriculation Higher Secondary School 91.92%	2019 - 2021
Secondary School - Kongu Matriculation Higher Secondary School 93.4%	2018 - 2019

Internship

Generative AI - Global Knowledge Technologies	2024
Developed expertise in neural networks, including RNNs, LSTMs, and advanced generative models such as LLMs and GANs.	
Executed projects in sequence-to-sequence learning and natural language processing.	
Machine Learning - Global Knowledge Technologies	2023
Focused on ML with KNIME. Hands-on experience in data analytics, workflow design.	
Collaborated with AI specialists to develop ML models and implement preprocessing techniques.	

Projects

Plastic detection from UAV images:

Created a YOLOv5-based model for plastic detection in UAV images.

Engineered an end-to-end pipeline for real-time acquisition and processing of UAV imagery.

Tech stack : Python, YOLOv5, Streamlit

Document Summarizer:

Led the development of a document summarization tool using Streamlit for the frontend, OpenAI API for natural language processing, and LangChain for chaining language models. Developed an interactive interface to upload documents and generate real-time summaries, enhancing document review efficiency.

Tech Stack: Streamlit, OpenAI API, LangChain, Python

Loan Repayment Classification:

Led the development of a loan repayment classification model using the Knime platform, incorporating the SMOTE algorithm.

Analyzed and processed data to forecast borrower default behavior with an accuracy surpassing 85%.

Implemented feature engineering methodologies to optimize model performance and interpretability.

Tech Stack : Machine Learning, Python

Certifications

Level 1 (KNIME-L1 Certification) - KNIME Analytics Platform	2023
Supervised Machine Learning: Regression and Classification - Coursera	2023
Data Structures and Algorithms - Udemy	2022
Java Programming - Udemy	2022

Coding Platforms

Leetcode : Solved 300+ Problems | Max Rating - 1545 | [Profile](#)

Codechef : Rating - 1208 | [Profile](#)

Skillrack : Solved 1000+ Problems

Skills

Languages : Java, Python

Tools : VS code, Pycharm, Jupyter Notebook, Tableau, Knime, PowerBI

Machine Learning : Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn

Computer Vision and Deep Learning: Tensorflow, Mediapipe, Facenet, Yolo

Achievements

Finalist in **Plastic free AI Hackathon** conducted by Reva University.

Finalist in **Interizon Hackathon** conducted in Sri Eshwar