KARTHIKEYAN L

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Introduction

Passionate Computer Science student specializing in Data Analytics, eager to explore data analysis, machine learning, and predictive modeling. Driven by continuous learning, creative problem-solving, and thriving in dynamic, challenge-driven environments.

Education

VIT-AP, B.Tech in Computer Science with specilaization in data analytics   Sept 2022 – May 2026
- CGPA: 8.12

Velammal International School, Chennai   June 2020 – March 2022
- Percentage: 83.2

Experience

Research and Development (R&D) Internship , Indira Gandhi Center of Atomic   June 2024 – july 2024
Research (IGCAR)– Kalpakkam, Tamil Nadu
- Worked on **data manipulation tasks and developed an Algorithm.**
- Conducted a research on iris Developed an **ML model for binary classification**

Research and Publications

Automating Nutritional Claim Verification: The Role of OCR and Machine Learning   IEEE Conference View
in Enhancing Food Label Transparency   Publication

Developed an ML-based system integrating OCR to validate food label claims.

Projects

Eye Detection Model
- Developed a ML model to classify eye images with high accuracy, using image processing and classification.
- Tools Used: Python, Open Cv,NumPy,Scikit-learn,Matplotlib,Joblib View Project

Customer Recency Analysis
- Conducted a Customer Recency Analysis to identify and segment customers based on their purchase.
- Tools Used: Python, Pandas,seaborn,matplotlib View Project

Technologies

Languages: Python, Java, R, SQL

Software: Ms Excel,NumPy ,Pandas ,scikit-learn , Matplotlib/Seaborn, MySQL, PostgreSQL,PowerBI , Tabelau

Framework: Flask,FastAPI ,Streamlit