

ALLEN JOHN ISAC

STUDENT

CONTACT ME

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LANGUAGES

Malayalam - Native

English - Fluent

Hindi - Fluent

Tamil - Conversational

TECHNICAL SKILLS

Python ,C & Java

Machine Learning & NLP

Data Science

RAG & LLM Integration

SQL & Databases

Web Development

PROFILE

AI and Data Science student with strong learning ability, responsibility, and readiness for real-world experience. Passionate about building intelligent systems using Machine Learning, NLP, and modern AI technologies. Experienced in developing end-to-end ML applications, implementing RAG pipelines, and deploying models using Streamlit. Actively seeking Data Science and AI internship opportunities to apply analytical and problem-solving skills in innovative projects.

EDUCATION

Karunya Institute of Technology and Sciences

B.Tech in Artificial Intelligence and Data Science

Current CGPA: 6.88

PROJECTS

AI Resume Evaluator using RAG

An intelligent AI-powered system that evaluates resumes against job descriptions using semantic similarity, embeddings, and Retrieval-Augmented Generation (RAG) to produce accurate, explainable, and recruiter-style insights.

Tech Stack: Python, Vector Database (FAISS), Embeddings, LLM APIs, RAG, Streamlit

Fake News Detection System

Built an NLP-based machine learning system to classify news articles as real or fake. Implemented text preprocessing and TF-IDF feature extraction with supervised ML models. Evaluated performance using accuracy, precision, recall, and F1-score and deployed the model using Streamlit.

Tech Stack: Python, NLP, Scikit-learn, Streamlit

E-Commerce Sales Prediction

Developed a machine learning model to forecast e-commerce sales using historical marketplace data. Performed data cleaning, feature engineering, and model comparison using Random Forest and Gradient Boosting. Designed an interactive dashboard to visualize sales trends and predictions.

Tech Stack: Python, Pandas, NumPy, Scikit-learn, Streamlit

LLM Text Summarizer

A modern text summarization application powered by Google's Gemini AI. It provides both a RESTful API backend and command-line interface for intelligent text summarization, making it easy to condense long documents, articles, or any text content into clear, concise summaries.

Tech Stack: Python, Google Gemini AI, Flask/FastAPI, REST API, Command-line Interface

TECHNICAL SKILLS

Programming Languages

Python, C, Java, SQL, HTML, CSS, JavaScript

Data Science & ML

Pandas, NumPy, Scikit-learn, Feature Engineering, Model Evaluation

AI & NLP Skills

Text Preprocessing, TF-IDF, Classification Models, NLP Pipelines, RAG, Vector Search, LLM Integration

Tools & Platforms

Git, GitHub, Streamlit, Jupyter Notebook

Databases

MySQL, FAISS

Web Development

HTML, CSS, JavaScript, React