

KILLIIVALAVAN K A

Developer

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ABOUT ME

I'm a versatile web developer with a knack for building dynamic web applications using Python, C, R, HTML, and JavaScript. I quickly adapt to new tools and technologies and enjoy bringing a creative edge to my projects with skills in Adobe Premiere Pro and FL Studio. I'm a strong problem-solver, effective communicator, and a team player who values collaboration. I'm always eager to learn and grow, and I'm excited to take on new challenges and contribute to innovative projects.

RELEVANT PROJECTS:

Personal Offline Voice Assistant - D.A.I.S.Y.

Developed an offline voice assistant with RAG-based PDF information retrieval for accurate query responses. Enhanced realism using Coqui TTS with a British accent and hosted locally via Ollama for privacy and offline functionality.

Movie Recommender System

Using datasets and data analysis skills in python, a movie recommender system was developed that utilizes a content-based filtering algorithm to find similar movies. This project enhances user experience by suggesting films based on content similarity.

Summarizer

Built a summarizer using 'PyPDF2' and 'speech_recognition' to convert PDFs and audio into summarized text, processed by a locally hosted LLM. The tool outputs summaries in both .txt and audio formats.

Story Generator

Built an offline, AI-powered story generator using Ollama and a local LLM to create dynamic, user-driven narratives. Enabled real-time storytelling with zero internet dependency.

AI Conspiracy Theorist

Developed an offline generative AI that fabricates satirical conspiracy theories based on a single user prompt using a locally hosted LLM via Ollama, blending natural language processing with creative storytelling.

Expense Tracker

Developed a basic expense tracker using Flask, HTML, CSS, and JavaScript. Designed and implemented features to add, view, update and delete expenses, providing a user-friendly interface for managing personal finances.

EDUCATION:

2021 - 2025 | SRM University, Haryana

Bachelor of Computer Science - CSE with specialization in Artificial Intelligence & Data Science

SKILLS:

Technical Skill: HTML, CSS, JavaScript, React, Python, R, Tailwind CSS, Node.JS, MongoDB, PostgreSQL, NoSQL, FL Studio, Adobe Photoshop, Adobe Premiere Pro

Languages: English, Hindi, Tamil, Telugu

Certifications: Artificial Intelligence Analyst - IBM | Introduction to Python - IBM | Cloud Application Developer - IBM