KILLIIVALAVAN K A
Developer | Video Editor | Music Producer

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EDUCATION

Bachelor of Technology
SRM University
2021 - Present

12th Grade
Vivekanandha Academy
2021

SKILLS

Python
C
R
HTML
CSS
JavaScript
Data Analysis and Visualisation
Hadoop
Database Management System
Adobe Premiere Pro
Adobe Photoshop
FL Studio

LANGUAGES

English
Tamil
Hindi
Telugu

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.

PROJECTS

FilmHub
Built the front end for a platform enabling aspiring filmmakers to showcase their work globally without release fees. FilmHub fosters a collaborative community where cinematographers can connect, exchange feedback, and support each other's creative journeys.

Personal Offline Voice Assistant - D.A.I.S.Y.
Developed D.A.I.S.Y., an offline voice assistant using a locally hosted LLM via LM Studio. Integrated 'pyttsx3' for text-to-speech and 'speech_recognition' for voice interaction, enabling private, responsive communication without external servers.

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.

PDF and audio summarizer tool
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.

Expense Tracker Web Application
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.

CERTIFICATIONS

Artificial Intelligence Analyst
IBM — 06/2024

Introduction to Python
IBM — 11/2023

Cloud Application Developer
IBM — 06/2023