Killiivalavan K A

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PROJECTS

D.A.I.S.Y ↗
- Developed an offline voice assistant with wake word detection using Picovoice
- Integrated LLaMA3 with RAG for dynamic, factual responses.
- Implemented speech recognition and British-accented TTS for natural user interaction.
- Ensured full local execution without cloud dependencies for enhanced privacy

tabstone ↗
- Built a cross-browser extension to archive and restore open tabs, reducing browser clutter.
- Implemented local storage mechanisms for persistent tab data.
- Published and maintained the extension on both Chrome Web Store and Firefox Add-ons.

Simple-it ↗
- Built a summarization tool supporting both audio recordings and PDF documents.
- Enabled output in text and audio formats for versatile content consumption.
- Used speech recognition and text extraction for input processing.
- Leveraged a locally hosted LLM for efficient, offline-friendly summarization.

ParanoiaNet ↗
- Developed a generative AI to create satirical conspiracy theories from a single user prompt.
- Utilized a locally hosted LLM via Ollama for offline, privacy-focused generation.
- Combined natural language processing with creative storytelling for humorous content generation.

TaleForge ↗
- Built an offline, AI-powered story generator using Ollama and a locally hosted LLM.
- Created dynamic, user-driven narratives with real-time generation.
- Ensured zero internet dependency for fully local execution and privacy.

WORK EXPERIENCE

yodigispace

Intern   Aug 2025 - Present
- Developed and tested automation workflows for core modules within the yodsBMS platform to improve operational efficiency.
- Built and maintained Python scripts and custom integrations to automate recurring tasks and streamline business processes.
- Optimized internal workflows by identifying bottlenecks and implementing process automation solutions.
- Collaborated with the team to ensure timely delivery of project milestones and assigned deliverables.

SKILLS

- Languages: Python, JavaScript, TypeScript, SQL
- Frameworks: React, Next.js, Tailwind CSS, FastAPI, Node.js, Express.js
- Tools: Git, GitHub, Docker, MongoDB, MySQL

EDUCATION

SRM University

Bachelor of Technology - CSE   2021 - 2025