

# KANIKASHREE SIVAKUMAR

 <https://github.com/Kanikashreesivakumar>

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 Tamilnadu, India

## SUMMARY

AI & Full Stack Developer with hands-on experience building real-world AI-driven and industrial web applications. Skilled in Python, React, Flask, and Generative AI (RAG, LangChain, Vector Databases), with a working knowledge of UI/UX design principles for building intuitive, user-centric interfaces. Focused on scalable solutions.

## EDUCATION

### B.Tech (Hons.) – Artificial Intelligence & Data Science

2022 - 2026

Excel Engineering College (Affiliated to Anna University) , Namakkal  
CGPA - 8.6 / 10

### Senior Higher Secondary

2020 - 2022

Reliance Matric Higher Secondary School , Namakkal  
Percentage - 86%

## SKILLS

**AI/GenAI :** Prompt Engineering, LangChain (RAG, Vector search), Hugging Face, ChromaDB

**Programming :** Python, Java, Javascript (react, express), Go

**Data Analytics :** Excel, Power BI, Tableau

**Databases :** Sqlite, MongoDB, Postgresql, Supabase, Firebase

**Tools & Design :** Figma, Canva, Webflow, GitHub, Git, VS Code, Netlify, Vercel

## INTERNSHIP

### FULL STACK DEVELOPER - Ts-Techy Software , Coimbatore

Aug 2025- Jan 2026

Worked on full-stack web development in hands-on industrial projects.

### AIoT innovation intern - Renault Nissan Automotive India Pvt Ltd, Chennai

June 2025- July 2025

Worked in Embedded system technology, AI-IoT real time industrial project, AI integration in manufacturing plant.

### Web Developer intern - Steel Authority of India Limited , Salem

May 2025- June 2025

Worked in Government sector industrial project

### Python Developer Intern — NLC India Limited

June 2024

Developed Python scripts for data processing.

## PROJECTS

### Askschema - Intelligent Benefit Recommendation System

Built AskSchema, an AI-powered advisory platform using ChromaDB vector storage+LangChain + RAG to deliver personalized government scheme recommendations.

### Kitkart-TMP trolley maintenance application (Role: Full Stack Developer)

Developed KitKart, a maintenance management application for Renault Nissan to track in real-time. Embedded system with hardware reader to track trolley.

### Hopin -AI-DrivenReal-time Campus EventRide (Role : Full Stack Developer)

Created an AI-based ride-matching system with seat booking, cost splitting, and real-time location tracking for campus events.

### Poultra7 - Farming Ecommerce Platform (Role : Full Stack Developer)

Developed Poultra7, a scalable poultry e-commerce and farm services platform supporting livestock, feed, and medicine, with secure role-based authentication and product management.

### DecodeX - AI "Embed.Retrieve. Explain"

Built an AI-powered code explainer using LangChain, ChromaDB, and Gemini LLM with vector embeddings and RAG architecture for contextual understanding and intelligent retrieval

## CERTIFICATIONS

Developing AI Applications with Python and Flask – IBM (Coursera)

Generative AI: Prompt Engineering Basics – IBM (Coursera)

Generative AI: Introduction and Applications – IBM (Coursera)

Google Cloud Fundamentals: Core Infrastructure – Google Cloud (Coursera)

## LANGUAGE

Tamil (native), English (proficiency), Malayalam (Conversational)