SRINIVASAN

AI-Powered Full Stack Developer

About Me

Passionate Web Developer and AI Enthusiast with experience in building AI-powered web applications that simplify tasks and create value. Proficient in React, Flask, MongoDB, Firebase, and PyTorch, with a focus on integrating AI into everyday solutions. Driven by curiosity and a love for innovation, I thrive on creating impactful projects that shape the future of technology.

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LANGUAGE

- English
- Tamil
- Hindi (basic)

EXPERTISE

- Python
- React
- Flask
- Svelte
- Express
- Firebase
- SQlite
- Tensorflow
- Django
- Scikit-learn
- Flutter
- MongoDB
- HTML, CSS and Javascript
- Problem solving
- Public Speaking
- Google Collab

EDUCATION

Meenakshi Sundararajan Engineering College
Bachelor of Technology
2022-2026

Guru Nanak School
HSC
2022

PROJECTS

QueryChat: Flask-Based Chatbot with Embedding Search and Multilingual Support

Developed a Flask-based chatbot that integrates Groq API, SBERT embeddings for semantic search, multilingual support with language detection and translation, and RESTful APIs for dynamic, context-aware responses.

Event Management and Team Registration Platform

Developed a Flask-based platform with RESTful APIs and Firebase Firestore integration for efficient event management and team coordination.

Custom chatbot for college by finetuning falcon-7b model and running locally

Finetuning falcon-7b model using google's collab GPU resources and using platforms like hugging face to download the finetuned model and host locally

Webpage for College's clubs and events like hackathon

Developing webpages using flutter framework for multiplatform support and using firebase's firestore database for dynamic content

Automated invitation generator and distributor using python

Minimizing the work by designing a tool to generate invitations for various occasions using a database or a excel sheet and distributing them using smtp module in python.