

Gokul Kiran

Chennai, Tamil Nadu | 9080552991 | umgokulkiran@gmail.com

[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

Full-stack developer with hands-on experience building AI-powered web apps using GPT-4o, Pinecone, and scalable cloud infrastructure. Proven ability to deliver production-grade solutions with modern stacks like Next.js, TypeScript, AWS, and PostgreSQL.

SKILLS AND ACCOMPLISHMENTS

- Front-end: HTML5, CSS3, Tailwind CSS, JavaScript, TypeScript, React, Next.js, GSAP
- Back-end: Node.js, Express, Python, Django, Flask
- Databases: PostgreSQL, MySQL, Pinecone
- API & Integration: RESTful services, OpenAI API, GPT-4o, Dialogflow
- DevOps: AWS (S3, Lambda), serverless deployment, Vercel, CI/CD, Docker
- AI/ML: scikit-learn, TensorFlow.js, MobileNet, RAG pipelines
- Tools: Version control- Git, GitHub, Cursor, Windsurf, Visual Studio Code Copilot
- Soft: Analytical thinking, problem-solving, communication, adaptability

PROJECTS

AI-Powered Document Intelligence Platform (RAG with GPT-4o & Pinecone) - [Live Demo Website](#)

- Built an AI document query app using RAG pipeline with OpenAI GPT-4o and Pinecone vector search.
- Developed a real-time UI using Next.js, TypeScript, Tailwind CSS, and GSAP animations.
- Deployed serverlessly on Vercel with Neon PostgreSQL and efficient PDF ingestion workflow.

Serverless Video Captioning App (OpenAI Whisper) - [GitHub Repository](#)

- Built a serverless video captioning app using OpenAI Whisper for automatic, high-accuracy transcription.
- Leveraged AWS Lambda and S3 for event-driven processing and scalable file storage.
- Developed a clean, responsive UI in Next.js with video preview and caption download features.

AI Image Recognition Web App (TensorFlow.js + Flask) - [GitHub Repository](#)

- Built a full-stack image recognition app using TensorFlow.js and MobileNet for real-time object detection.
- Implemented both client-side and Flask-based server-side inference for deployment flexibility.
- Designed a responsive React UI with Tailwind CSS and deployed with Vite for fast performance.

CERTIFICATION

- Full Stack Web Development Bootcamp
- Vibe-Coding: AI Driven Software Development and Testing
- AWS: Deploy Web Apps on the Cloud

EDUCATION

Bachelor of Engineering in Computer Science: CGPA - 8.3

Misrimal Navajee Munoth Jain Engineering College