Gokul Kiran

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[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

- **Front-end**: HTML, 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, 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 Link](#)

- 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 Link](#)

- 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.

News Next.js App with AI Summary (GPT-4o) - [Live Demo Website Link](#)

- Developed a Next.js news app that fetches and displays articles from newsdata.io, with AI-generated summaries.
- Calculates the estimated read time and extracts keywords from the article. Search results display the best match.
- Ensured responsive UI with framer-motion animations, deployed on Vercel with robust error handling.

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