

GOKUL KIRAN

Chennai, India | umgokulkiran@gmail.com | 9080552991 | | **LinkedIn:** <https://linkedin.com/in/gokul-kiran21> | **Portfolio:** <https://gokulkiranportfolio.vercel.app/> | **GitHub:** <https://github.com/Gokulkiran418> |

SUMMARY:

Self-taught Full Stack Developer with hands-on experience in developing web apps using React, Next.js, Node.js, and AWS. Focused on building scalable, user-friendly software and integrating AI into Web Apps.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript

AI Tools: Cursor, Windsurf, ChatGPT, OpenAI API | **Cloud:** Vercel, AWS (Lambda, S3, EC2, IAM, CloudWatch)

Databases: MySQL, Neon PostgreSQL | **Version Control:** Git, GitHub

Frontend: HTML, React.js, Vite, Next.js, Tailwind CSS | **Backend:** Node.js, Express.js, Flask, Django, REST APIs

AI/ML: DialogFlow, TensorFlow.js, scikit-learn | **Data Tools:** Pandas, NumPy, Matplotlib

PROJECTS

Caption Generator using OpenAI Whisper

- GitHub : <https://github.com/Gokulkiran418/caption-generator.git>
- Developed a serverless application that auto-generates video captions using OpenAI Whisper API.
- Utilized AWS S3 and Lambda for event-driven audio processing and storage, enhancing efficiency and reliability.
- Designed a clean, responsive Next.js frontend to allow users to upload and view transcriptions.

E-Commerce Platform with React

- Website Link: <https://eshopplatform.vercel.app/>
- Developed a full-stack e-commerce web app with React, Neon PostgreSQL utilizing HTML, CSS, and JavaScript for a responsive UI, and integrated dynamic routing and async operations.
- Built and deployed the backend using Node.js and Express, hosted on Vercel.

Conversational Chatbot using DialogFlow

- Website Link: <https://aboutmechatbot.vercel.app/>
- Created a personalized chatbot that responds to user questions using NLP via DialogFlow.
- Integrated with a Next.js frontend and styled using Tailwind CSS for responsiveness, enhancing user experience and interface.
- Deployed live using Vercel and tested across devices, ensuring cross-device compatibility and performance.

Heart Disease Risk Prediction Web App

- GitHub: <https://github.com/Gokulkiran418/Heart-Disease-Predictor.git>
- Developed a Django web application to predict heart disease risk, applied a RandomForestClassifier on the UCI Heart Disease dataset.
- Designed a user-friendly UI/UX using Bootstrap 5, enhancing user experience.
- Processed 13 health metrics for risk prediction, ensuring comprehensive data analysis and reliable results.

CERTIFICATIONS

UDEMY:

- Complete Full-Stack Web Development Bootcamp by Angela Yu
- 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