GOKUL KIRAN

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Portfolio: https://gokulkiranportfolio.vercel.app/ | GitHub: https://github.com/Gokulkiran418
LinkedIn: https://linkedin.com/in/gokul-kiran21

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript
AI Tools: Cursor, Windsurf, ChatGPT, OpenAI API
Cloud: AWS (Lambda, S3, EC2, IAM), Vercel
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, Jupyter Notebook

PROJECTS

Caption Generator using OpenAI Whisper
- GitHub : https://github.com/Gokulkiran418/caption-generator.git
- Built a serverless application that auto-generates video captions using OpenAI Whisper API.
- Utilized AWS S3 and Lambda for event-driven audio processing and storage.
- 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 and Neon PostgreSQL.
- A full-stack SPA e-commerce app for shoes with cart and checkout functionality, it supports dynamic routing, async operations, and responsive UI.
- 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.
- Deployed live using Vercel and tested across devices.

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 from health inputs.
- Trained and applied a RandomForestClassifier on the UCI Heart Disease dataset, processing 13 health metrics for risk prediction.
- Designed an user friendly UI/UX using Bootstrap 5.

COURSES

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