Sunkaraboina Praveen Kumar

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EDUCATION

Jawaharlal Nehru Technological University   Kukatpally,Hyderabad
Bachelor of Technology in Computer Science   *2022–2026*

Pragathi Junior College   Nalgonda
Intermediate   *2020–2022*

PROJECTS

AI Image Generator | *Vite, react-router-dom, firebase, tailwindcss,hugging face stability/ai model* [Live][GitHub]
- Developed a Image Generator website user friendly and fully responsive with React(Vite) as the frontend using clerk as authentication.
- As an extension I also made AI Video Generator using remotion library. (Inngest)
- Storage using Firebase with generate, view and post functionalities.

AI Voice Recruiter | *shadcn ui,next.js, google-auth, Gemini API,Groq API, Supabase,tailwindcss* [Live][GitHub]
- This Project streamlines hiring with AI-driven tools for scheduling, tailored questions, voice-assisted interviews, and real-time feedback, all managed via a user-friendly dashboard with a credits-based system.
- The @vapi-ai/web package is used to enable real-time AI-driven voice interactions.

YT Video Transcript Bot | *Next.js, gen-ai, drizzle-orm(PostgreSQL), llama, openai-wishper, yt-transcript*[Live][GitHub]
- A full-stack web application using with Next.js with clerk authentication.
- User Can Provide a link of Youtube Video to extract transcript, embed it and store in vector database(convex).
- Users can seamlessly chat about that video and can store and delete history.

Health Assistant Chatbot and Prediction Tool | *Flask, Transformers, scikit-learn, pandas, pickle, torch*[Live][GitHub]
- Full-stack Flask app with symptom-based disease prediction and a chatbot.
- Uses an SVC model for disease prediction, providing details like descriptions, precautions, and treatments.
- Fine-tuned DistilGPT2 chatbot offers preliminary insights into disease, symptoms, and treatments.
- Handles user input via web forms, returns bot responses, and displays data via Flask API and HTML.

Portfolio | *For more Projects visit my Portfolio*   [Live][GitHub]
- Designed my own Next.js Portfolio to showcase my Skills and Projects

Machine Learning | *ForMachine Learning, Deep Learning, NLP Projects visit*   [Live][GitHub]
- Deployed Machine Learnig Projects.

TECHNICAL SKILLS

Languages: Java, Python, C, SQL, JavaScript, HTML/CSS
Frameworks: React.js, Node.js, Flask, Next.js, Tailwind, Langchain, Fast-api
Developer Tools: Git, VS Code, Postman, PyCharm, Vercel, Google Colab, Render, Cursor, Bolt.
Databases: MYSQL, MongoDB, Neon(PostgreSQL), Firebase, Vector Databases(Pine Cone, ChromaDB, Convex, FAISS)
AIML: Machine Learning and its Algorithms, Natural Language Processing, Retrieval Augmented Generation (RAG), LLM, Agentic AI (using Langgraph primarily).

Achievements

Solved 1000+ Problems on LeetCode and 400+ Problems on Geeks For Geeks.

180+(Public and Private) Repositories on GitHub

Open Source Contribution in Hacktoberfest 2024. (Agrotech)[GitHub]

Cutting edge clones like deepseek, bolt. AI based Projects like Travel Planner, Course Generation.

Internship at Argonix Labs as FullStack Developer in Next.js. [LOR]

NPTEL Certification in DESIGN AND ANALYSIS OF ALGORITHMS 80 Percentage

NPTEL Certification in PYTHON DATA STRUCTURES AND ALGORITHMS 78 Percentage

Problem Solving(DSA in JAVA)

| leetcode | GFG| codechef