

Sunkaraboina Praveen Kumar

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EDUCATION

Jawaharlal Nehru Technological University

Bachelor of Technology in Computer Science

Kukatpally, Hyderabad

2022–2026

Pragathi Junior College

Intermediate

Nalgonda

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 Job Recruiter | *next.js, convex, next-auth, shadcn/ui, Langchain, google-genai, groq-sdk* [Live][GitHub]

- End-to-end AI-powered recruitment platform with semantic job-candidate matching, attitude/culture fit.
- Features AI-conducted voice interviews, automatic feedback and ratings, recruiter/job-seeker dashboards, and real-time application/interview management.
- Modern UI with deep integration of shadcn/ui, magic/ui Tailwind CSS, and real-time backend via Convex.

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 | *For Machine 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 1500+ Problems on LeetCode and 500+ Problems on Geeks For Geeks.

190+(Public and Private) Repositories on GitHub

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

Cutting edge clones like [Deepseek], [bolt]. AI based Projects like [Trip Planner], [Course generator].

Internship at Argonix Labs as FullStack Developer in Next.js. [URL] [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](https://leetcode.com) | [GFG](https://www.geogef.org) | [codechef](https://www.codechef.com)