

SAKETH KASHYAP NAGENDRA

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 LinkedIn ·  GitHub ·  LeetCode

EDUCATION

R.V. College of Engineering

B.E. in Computer Science and Engineering *GPA: 8.80 (as of 6th semester)*

Relevant Coursework: AIML, DSA, Operating Systems, DBMS, NLP

Bengaluru

Dec 2022 - May 2026

WORK EXPERIENCE

Boeing

May 2025 – July 2025

Software Engineering Intern

Bengaluru, India

- Worked on the frontend of a Next.js web application used to monitor parts inventory and logistics related to International Space Station (ISS) operations.
- Improved page load times and overall responsiveness by optimizing frontend logic and reducing unnecessary data fetches.
- Collaborated with backend engineers to integrate REST APIs and ensure accurate data display on the UI.
- Redesigned existing screens to be more intuitive and user-friendly while actively participating in sprint discussions and reviews.

Ruaa Ventures Private Limited

Jan 2025 – May 2025

SDE Intern

Remote

- Contributed to the development of the company's mobile application, Kanoon, using React Native with a focus on frontend features.
- Implemented new UI components and refined existing screens based on feedback from designers and early users.
- Worked on improving usability, consistency, and overall user experience across the app.
- Participated in regular team meetings and sprint planning to track progress and align with product goals.

PROJECTS

AgriGuard

Flask, TensorFlow, LLaMA 3, Groq API

- Designed a web application to detect diseases in crops like tomato and bell pepper using a TensorFlow CNN model trained on 37 disease classes.
- Developed a custom RAG chatbot using LLaMA 3 and Groq API to deliver real-time, contextual disease insights to users.
- Built a modular Flask backend handling image preprocessing, model inference, and chatbot responses.

AlgoViz

Next.js, FastAPI, LLaMA 3, Groq API

- Developed a full-stack platform with 15+ visualized algorithms across sorting, graphs, AI/ML, and theory of computation using Canvas animations.
- Built responsive UI with step controls and zoom/pan support using Next.js, Tailwind, and shadcn/ui.
- Connected FastAPI backend to LLaMA 3 via Groq API for chatbot, quiz, and learning path generation with <1s latency.

SKILLS

Programming Languages : C, Python, Java, JavaScript, SQL

Frameworks and Libraries : Flask, React, NumPy, Pandas

Tools and Technologies: Git, pgAdmin, Firebase, Vim

CERTIFICATIONS

Responsive Web Design by freeCodeCamp

Gemini API by Google

AI Fundamentals by DataCamp

Introduction to React Native by Frontend Masters

Introducing Generative AI with AWS

Postman API Fundamentals by Postman

ACHIEVEMENTS

Secured 1st place among 200+ teams in the 36-hour Quant-A-Maze 2.0 hackathon conducted at NITTE Meenakshi Institute of Technology.