

# SAKETH KASHYAP NAGENDRA

Bengaluru, India · sakethkashyap.nagendra@gmail.com · (+91) 7093445470

 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

*Software Engineering Intern*

May 2025 – July 2025

*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

*Remote*

*SDE Intern*

- 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 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

**Introduction to React Native** by Frontend Masters

**Gemini API** by Google

**Introducing Generative AI with AWS**

**AI Fundamentals** by DataCamp

**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.