

K. ANANTHAMOORTHY HOLLA

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SUMMARY

Product Engineer at SutraAI Solutions LLP, contributing to the development of AI-driven products. Experienced in full-stack development and building scalable, real-world applications, with a focus on performance, usability, and end-to-end product engineering.

WORK EXPERIENCE

Product Engineer | SutraAI Solutions LLP Jun 2025 – Present

- Played a leading role in the core team building mySutra.ai, contributing to product development, frontend architecture, and overall product maturity.
- Developed and optimized frontend systems with a focus on performance, scalability, and seamless user experience.
- Designed and improved product flows and UI components across mobile and web platforms.
- Integrated AI systems including RAG pipelines and LLM-based features into real-world applications.

Project Intern | IoTracX, Manipal (On-site) Jan 2025 – May 2025

- Worked on early-stage AI systems including image recognition and VLM finetuning.
- Developed React and React Native (Expo) applications integrating AI-based features.
- Built and tested on-device AI workflows, focusing on performance and usability.

Web Development Intern | Wipro Enterprises Nov 2023 – Dec 2023

- Contributed to frontend and backend development of enterprise applications.
- Built a Market Survey Application using Express.js and Firebase.
- Improved UI components and workflows for internal tools including Vendor Portal.

PROJECTS

mySutra.ai (Ongoing)

AI-powered platform for personalized food, lifestyle, and health intelligence. Built core features for food analysis, diet tracking, and AI coaching, with LLM and RAG systems integrated into production for real-time insights.

Tech Stack: Flutter, React.js, LLMs, RAG, REST APIs, PostgreSQL, AI/ML

LocalGPT Mobile App (IoTracX)

Developed a React Native app enabling on-device LLM execution for offline AI usage, optimizing model performance and inference efficiency.

Tech Stack: React Native, On-device LLMs, Model Optimization

RAG-Based AI Assistant

Built a retrieval-augmented generation system using LLaMA models, designing efficient pipelines for context-aware and accurate responses.

Tech Stack: Python, LLaMA, RAG, Vector Databases

SKILLS

- Languages:** Python, JavaScript, TypeScript, Java, C
- Frontend:** React, Next.js, React Native, Flutter, HTML, CSS
- Backend:** Node.js, Express.js, Flask, Django
- AI/ML:** RAG Systems, LLM Integration, Agentic AI, Embeddings, Model Finetuning
- Databases:** SQL, Supabase (Postgres), Firebase, SurrealDB, Vector Databases, GraphQL (Basics)
- Tools:** Git, REST APIs, VS Code, Android Studio

EDUCATION

B.E. in Artificial Intelligence and Machine Learning
2021 – 2025 | CGPA: 8.1

- Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal

Pre-University Education | 2019 – 2021

- Viveka PU College, Kota

ADDITIONAL INFORMATION

Languages: English, Kannada, Hindi

Interests: Aviation, Automotive, Journalism, Music & Instruments, Farming