

SUGANTH K

Coimbatore , India

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[Suganth K](#)

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Education

B.Tech in Computer Science and Engineering (Artificial Intelligence)

CGPA : 7.63

Amrita School of AI, Amrita Vishwa Vidyapeetham, Coimbatore

2023 - 2027

High School

HSC : 80.5%

Sri Lathangi Vidhya Mandir , Pollachi

2021 - 2023

Projects

Raseed | Flutter, Python, Firebase, Google Console

[Frontend](#) | [Backend](#)

- Developed a comprehensive financial literacy platform using Flutter and Python, featuring AI-powered chatbot integration for personalized financial guidance and investment recommendations.
- Implemented secure user authentication using Firebase, and real-time financial data visualization to help users make informed financial decisions.
- Integrated Google Wallet functionality for seamless transactions and payment processing, demonstrating innovation in fintech solutions.

LegalSphere | Flutter, Dart, Generative AI

[Github](#)

- Developed a cross-platform mobile app using Flutter, leveraging Generative AI to provide AI-driven legal assistance for women.
- Built an AI-powered chatbot with Retrieval-Augmented Generation (RAG) for accurate and contextual legal guidance.
- Implemented key features: Multi-lingual support, image-based case analysis, and a user-friendly interface with step-by-step complaint filing.

Leo | Next JS, Python, Supabase

[Frontend](#) | [Backend](#)

- Developed a full-stack web application using MERN stack architecture with separate frontend and backend repositories for modular development and deployment.
- Implemented robust backend API using Python and with Supabase database integration for efficient data management and retrieval.
- Created responsive and interactive frontend interface using Next JS, demonstrating proficiency in modern JavaScript frameworks and component-based architecture.

Fruit Recommendation & Planner App | React Native, Node.js, PostgreSQL

[Frontend](#) | [Backend](#)

- Designed and developed a cross-platform mobile app using React Native (Expo) for personalized fruit recommendations and weekly meal planning based on user medical conditions.
- Built a robust Node.js & Express backend with PostgreSQL (NeonDB) and Prisma ORM, implementing RESTful APIs for user management, fruit data, and AI-powered suggestions.
- Integrated Firebase Authentication for secure user login and Google Gemini API for intelligent fruit recommendations tailored to health profiles.

ACHIEVEMENTS

- Awarded **Breakthrough Concept by Google at Agentic AI Day**. Top student team among 700 finalists selected from 9,100+ submissions, out of 57,000+ developers
- Secured **3rd Place in the Gen AI x Gender Technology Hackathon 2024-25** for developing a Legal Assistant mobile app powered by AI, designed to provide legal assistance and resources to users

Technical Skills

Languages: Java, C++, C, Python, HTML/CSS, Jack, JavaScript, Dart, SQL

Developer Tools: VS Code, CLion, Eclipse, Google Cloud Platform, Android Studio

Technologies/Frameworks: Linux, React.js, Node.js, Express.js, MongoDB, Flutter, HuggingFace, LangChain, LLMs, RAGs

CERTIFICATIONS

Breakthrough Concept Award – Agentic AI Day 2025 — Google Cloud & Hack2skill

[Certificate Link](#)

Artificial Intelligence and Machine Learning — LearnFlu(AICTE)

[Certificate Link](#)