

RAM SAKETH PULIJALA

HYDERABAD

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About Me

I am a passionate individual with a strong foundation in Python, Java and machine learning. Through hands-on projects, I have gained experience in Generative AI, Android App Development and Cloud Technologies.

Education

Anurag University

Bachelor of Technology in Information Technology - 8.6

Nov 2020 – May 2024

Hyderabad, Telangana

Sri Chaitanya Junior College

MPC - 94.6%

June 2018 – May 2020

Hyderabad, Telangana

Kakatiya High School

CGPA - 9.3

April 2018

Hyderabad, Telangana

Technical Skills

- Programming languages: Python, Java
- Web development: HTML, CSS
- App Development: Kotlin, XML
- Databases: MySQL, Firebase
- Tools and Frameworks: Streamlit, Git
- Machine Learning
- Generative AI frameworks: Langchain
- Agentic frameworks : Phidata
- Vector Stores: ChromaDB , FAISS
- Backend Technologies: FastAPI

Projects

Flex Pay | *Android Studio, Kotlin, XML, Firebase, C++, Arduino IDE*

- Designed a secure cloud-based payment system using RFID-enabled college ID cards, streamlining payment processes for students.
- Developed a student application for viewing transaction history, recharging accounts, and managing balances securely.
- Created an admin dashboard to monitor student transactions in real-time, providing an efficient and reliable way to track payments.
- Implemented a self-ordering kiosk app to allow students to place orders and make payments directly, using real-time data from Firebase Cloud.
- All data is stored in Firebase Cloud and retrieved in real-time, ensuring secure, reliable, and up-to-date information across all apps.

Skin Sense AI | *Android Studio, Kotlin, XML, Firebase, Python*

- Developed an AI-powered Android application that helps users detect potential skin diseases through image uploads.
- Integrated a predictive model to analyze skin conditions and provide users with detailed insights into symptoms and causes.
- Implemented a feature that provides preventive care tips and information to help users maintain healthier skin.
- Used Firebase for secure storage of user data and real-time image processing.

Skin Care RAG application | *Langchain, FastAPI, Groq, Llama3.3, Google Generative AI Embeddings, ChromaDB*

- Developed a RAG-based AI assistant that allows users to chat and ask questions about skin diseases, symptoms, and treatments.
- Leveraged LangChain, FastAPI, and Groq with LLama 3.3 LLM and Google Embeddings to provide accurate and contextual responses.

Chat with website application | *Langchain, FastAPI, Groq, Llama3.3, Google Generative AI Embeddings, FAISS*

- Developed a RAG-based chatbot that enables users to interact with website content by processing URLs, chunking data, and embedding it for querying using LangChain and FastAPI
- Deployed in Railway using FastAPI.

Leadership / Extracurricular

Google Developer Student Clubs

AI Lead

Anurag University

- As AI Lead for Google Developer Student Clubs, I led two events focused on Streamlit, helping to educate peers on deploying machine learning applications.
- I have led the project that resulted in our team achieving a top 3 ranking in India in the Google Cloud Campaign program.
- Participated in organizing and leading events related to Google Cloud, Android development, web development, and other technical areas.

E CELL

Technical Lead

Anurag University

- Served as Technical Lead in the E-Cell, providing early stage startups with support on basic technical requirements and solutions.
- Organized and conducted pitching sessions, helping early stage startups effectively present their ideas and projects to potential investors and stakeholders.

Daksha 2023 (College's Biggest Techno-Cultural Event)

Financial Lead

Anurag University

- Managed and planned the entire event budget, ensuring financial efficiency and resource optimization for an event with over 10,000 attendees.
- Led a team of 40 members, overseeing the smooth onboarding and registration process for participants, contributing to the successful execution of the college's largest event.

Courses

- Google UX Design Professional Certificate- Coursera
- Android App Development - Internshala
- Machine Learning - Infosys Springboard
- Artificial Intelligence - Verzeo
- Streamlit - Udemy
- Open source LLM's with RAG - Udemy