Billa Sai Darahas

+91 9494819477 | LinkedIn | darahas102@gmail.com | GitHub | Hyderabad

PROFESSIONAL SUMMARY

Results-oriented Full Stack Python Developer and AI/ML enthusiast with a stellar academic record (9.7 CGPA). Proven expertise in building scalable AI-driven solutions, including Agentic RAG architectures and LLM integration. Successfully completed three internships focusing on enhancing user experiences and automating workflows using Python, Flask, and Generative AI.

EDUCATION

Bachelors in Computer Applications (Specialization in AI/ML) - KL University | 2022-2025
CGPA − 9.7/10 | Hyderabad, India

Intermediate - Sri Chaitanya Junior College | 2019-2021
Score − 98% | Hyderabad, India

SKILLS

Programming Languages & Web Technologies: Python, JavaScript, C, HTML5, CSS3, SQL
Frameworks/Libraries: Flask, Streamlit, Bootstrap, Pandas, Numpy
AI & ML: LangChain, LLMs, RAG, Vector Databases (Pinecone).
Databases: PostgreSQL, MySQL, Pinecone Vector DB
Tools: Git, GitHub, Postman, Power BI, Figma

EXPERIENCE

Infosys | Dec 2024 - Mar 2025
AI Intern | India

- Contributed to the full-stack development of an AI Image Analyzer Suite, significantly enhancing image processing capabilities.
- Engineered solutions leveraging LangChain and Prompt Engineering to optimize LLM model outputs.
- Achieved a perfect performance rating (10/10) and received commendation from the Senior Team Lead for technical contributions.

Kasolco Technologies Pvt Ltd | Aug 2024 - Jan 2025
Python Developer Intern | India

- Developed a fully functional bilingual voice-enabled chatbot for the company website using Python and Google Cloud Text-to-Speech.
- Architected an AI-powered call agent integrated with Twilio, automating customer support workflows and reducing response times.

ADM Education and Welfare Society | May 2024 - July 2024
UI/UX Intern | India

- Conceptualized and redesigned user interfaces for major platforms (e.g., Zomato clones, healthcare apps) to align with modern usability standards.
- Developed a comprehensive, accessibility-compliant UI for an education application using Figma.
- Designed high-engagement marketing assets and posters using Adobe Express and Canva.

KEY PROJECTS

Retro-Themed Secure Task Management System | *Flask, PostgreSQL, SQLAlchemy*   **2025 | Live**

- Developed a gamified full-stack productivity app featuring an immersive 8-bit UI with "Night Vision" and "Hack Mode" themes.
- Implemented a secure backend with Bcrypt hashing for authentication and Web Audio API for zero-dependency real-time sound effects.

IntelliSearch - Agentic RAG | *Python, Groq, Tavily, LangChain*   **2025 | Code**

- Built an autonomous RAG system capable of answering complex user queries through extensive document analysis and real-time web search integration via Tavily.

Cine Match - Movie Recommendation System | *Python, ML, Content-Based Filtering*   **2025 | Code**

- Engineered an intelligent recommendation engine using content-based filtering algorithms.
- Implemented a semantic autocomplete feature to predict and suggest movie titles in real-time.

AI-Powered Document Q&A System | Python, *RAG, Pinecone, Gemini API, Sentence Transformers*   **2024 | Code**

- Developed "EcoChat", an economical RAG pipeline enabling users to query private CSV data directly from Google Drive using natural language.
- Engineered a zero-cost semantic search system by integrating Sentence Transformers (Hugging Face) for local embeddings and Pinecone for serverless vector storage.
- Built an interactive Streamlit interface powered by Google Gemini, allowing for real-time data analysis and instant Q&A without SQL.

CERTIFICATIONS & AWARDS

- **Computer Society of India** — Awarded 3rd Place (Bronze) in Technical Paper Presentation on *"Machine Learning in Modern Medicine"*.   **View**
- **Microsoft** — Azure AI Fundamentals (AI-900)   **View**
- **Automation Anywhere** — Certified Advanced RPA Professional   **View**
- **Oracle** — Gen AI Certified Professional   **View**
- **Oracle** — AI Vector Search Certified Professional   **View**

SOFT SKILLS

- **Rapid Learning:** Proven ability to master new tools like LangChain and Power BI quickly.
- **Team Collaboration:** Worked effectively in agile environments during internships at Infosys and Kasolco.
- **Adaptability:** Flexible in managing diverse projects from UI/UX design to backend Python development.
- **Strategic Problem Solving:** Engineered a zero-cost RAG pipeline to solve data accessibility challenges without incurring API costs.