

RAHUL Y S

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[LinkedIn](#) [GitHub](#)

ABOUT

An observant and adaptable individual who seeks to grow through experiences and bring meaningful value to every situation

SKILLS

Programming Languages - Python, SQL

Technical Skills - ML, LLM, GitHub, MongoDB, RESTful APIs

PostgreSQL, LangChain, MCP, AI Agents, RAG, Vector Database

Soft Skills - Problem-Solving, Attention to detail, Team Collaboration, Adaptability

WORK EXPERIENCE

AI/ML Intern | Samsung PRISM

Apr 2024 - Jan 2025

- Worked on Professor Profile-Based Area of Expertise Analysis under Samsung PRISM.
- Developed AI/ML pipelines using Python, LLMs, and Streamlit.
- Implemented end-to-end data processing, analysis, and model evaluation workflows.

PROJECTS

Agentic-Profile-Extraction-Pipeline | *LangGraph, Groq, PostgreSQL*

- Architected an end-to-end resume screening pipeline using a stateful LangGraph workflow for automated validation, extraction, and duplicate prevention.
- Integrated Groq's high-speed Llama3 LLM for real-time, Pydantic-enforced data extraction, paired with a scalable PostgreSQL backend and a modular Streamlit UI.

Anime Recommendation System | *Python, Pinecone, HuggingFace, OpenAI API*

- Designed an LLM-powered LangGraph pipeline for query refinement → semantic search → structured recommendation generation
- Built a semantic recommendation engine using HuggingFace embedding models with Pinecone vector database for fast, scalable similarity search.
- Implemented caching & optimized retrieval workflow, reducing response time to near-instant recommendations in a Streamlit UI.

Food Recommendation System | *JavaScript, Multi-Modal AI, MERN Stack, Google Places API*

- Created a dynamic web app using JavaScript, CSS, and HTML.
- Using user mood, weather, location, profile, and history from MongoDB for LLM-based recommendations.
- Combined machine learning and Google Maps API for personalized food and restaurant suggestions.

EDUCATION

Cambridge Institute of Technology, Bengaluru -2025

CGPA: 8.48

B.E in Information Science

Venkatadri Independent PU College, Chintamani - 2021

Percentage: 88.33

Intermediate

Sri Sapthagiri Vidyalaya, Gowripalli – 2019

Percentage: 91.04

school

ADDITIONAL INFORMATION

Languages - English, Hindi, Telugu, Kannada

Certificates -

- Samsung Prism: AI/ML | Professor Profile Based Area of Expertise Analysis
- Microsoft: Build a Natural Language Processing with Azure AI Language
- NCVET-approved NASSCOM Certification in AI - Data Scientist

Hobbies - Gymnastic, Reading books, Travelling