Rohan.R

Bengaluru, Karnataka - 560078

Email: rr2rohan@gmail.com | GitHub: https://github.com/Rohan1924
LinkedIn: linkedin.com/in/rohan-rupesh-b5a200203 | **Phone: 9141615010**

Education

BMS College of Engineering, Bengaluru

• B.E in Computer Science (Data Science), CGPA: 8.65

Technical Skills

• Programming Languages: **Python, Java, C, SQL**

• Data Analysis & Visualization: **Tableau, Power BI, Matplotlib, Seaborn**

• ML Frameworks: **TensorFlow, PyTorch, Scikit-learn**

• Tools: **Git, Jupyter Notebook, DBMS**

• AI:**Langflow, Explanability using LIME , SHAP**

Projects

MindVault – AI-Powered Memory Vault | GENAI, RAG, Chatbot, Langflow | 2025

• Developed an **AI-based memory retrieval system** using RAG and GENAI for contextual search and query with chatbot.

• Implemented **RAG architecture** combining vector-based retrieval with language model generation.

• Designed scalable AI pipelines integrating data storage, embeddings, and retrieval.

Android App DetectAI| ML, Android studio | 2025

• Developed an app that can detect if an image or text is AI generated or real using self trained ML model and implementation of the app in android studio with aesthetic UI.

Youtube Query Based Video Playback | GENAI, RAG, ML, Langflow | 2025

• Developed a solution for query based Youtube search system that uses context provided by the user to play a YouTube video from a particular point based on the context of where that particular topic begins in the video or spoken about.

• Implemented RAG, ML models for transcription and GenAI with an aesthetic and practical UI interface, deployed using streamlit services.

PlantasticCare – Indoor Plant Website | Python, MongoDB, HTML, CSS, JS | 2024

• Built a site for plant care guides, watering alerts, and health tracking.

• Implemented features like plant care guides, watering reminders, and plant health tracking.

Leadership / Extracurricular

• Event Organizing, DSync Club

• Part of Organizing Committee(OC) of College fest(Utsav)

• Participated in VISA hackathon in IIT Madras

Achievements

• Winner of GenAI hackathon(Using Rag and GenAI for contextual search and query with chatbot)

• Winner of DecodeAI contest conducted at BMSCE

• Completed Training course with AMAGI(a cloud-based SaaS technology solutions provider)

• Completed Projects with AMAGI on a solution for Rag and GenAI based YouTube search and playback.