

RAVITEJA B

✉ ravitejab2209@gmail.com ☎ 8123599651 🔗 linkedin.com/in/ravitejab2209 📍 Bengaluru

PROFILE SUMMARY

Associate AI Engineer with experience designing and deploying production-grade **LLM**, **Generative AI**, and **Agentic AI** workflows. Proficient in **Retrieval-Augmented Generation (RAG)**, **LangChain** pipelines, and **NLP**-based automation systems. Also Skilled in **backend** and **full-stack development** using Java and MERN stack.

EXPERIENCE

Kadel Labs, Associate Software Engineer, Bangalore

Sep 2025 – Present

- Developed **data collection platforms** and automated **Apache Airflow** pipelines to aggregate multi-source datasets for **AI model training**, storing them in **cloud** and relational **database** environments.
- Deployed applications on **Google Cloud Platform (GCP)** virtual machines for **server hosting** and backend APIs, and utilized **Cloud Storage** to manage structured and unstructured data.

Kadel Labs, Trainee Software Engineer, Bangalore

Feb 2025 – Aug 2025

- Designed and deployed production-ready AI solutions using **machine learning**, **LLMs**, **LangChain**, and **Retrieval-Augmented Generation (RAG)** with **fine-tuning** and domain-specific optimization.
- Built and integrated **scalable Python dashboards** with **RESTful backend APIs** for real-time, **data-driven visualizations** and **NLP-powered** natural language interfaces.
- Orchestrated **multi-agent AI workflows** using **CrewAI**, **LangGraph**, **AutoGen**, **MCP**, and **OpenAI Agents SDK** for **autonomous reasoning**, tool use, task delegation, and multi-step decisions by **LLM agents**.

SKILLS

Programming & Frameworks

Python, **FastAPI**, **Streamlit**, **Dash**, **Plotly**, **Hugging Face**, **LangChain**, **LangGraph**, **LlamaIndex**, **AutoGen**

AI, ML & Generative AI

LLMs (GPT, Llama, Ollama), **RAG**, **LoRA**, **QLoRA**, **CrewAI**, **Agentic AI**, **MCP**, **Web-Based Agents**, **Pandas**, **Scikit-learn**, **NumPy**, **Fine-tuning**, **Prompt Engineering**, **Transformers (HF)**, **TensorFlow**, **PyTorch**, **Keras**

Databases, Tools & Platforms

MySQL, **MongoDB**, **Vector Databases**, **FAISS**, **GitHub**, **GitLab**, **Docker**, **Google Cloud Platform (GCP)** – **Compute Engine (GCE)**, **Cloud Storage (GCS)**, **Apache Airflow**, **Jupyter Notebook**, **Gradio**

PROJECTS

REO Asset Management Dashboard – AI-Powered Conversational Analytics Platform

- Developed an interactive **AI+BI dashboard** using **Dash**, **Plotly** and **FastAPI**, allowing users to query property datasets via natural language and receive real-time visualizations, trends and actionable insights.
- Integrated **OpenAI LLMs** with **Pandas** and **LlamaIndex** to build an **NLP pipeline** that transforms user queries into executable SQL, dynamically updating charts & responses based on structured tabular data.
- Engineered an end-to-end **analytics system** combining **LLM reasoning**, automated charting & narrative summaries to deliver explainable, context-aware insights through an intuitive **conversational interface**.

Marketing Strategist AI – Autonomous Market Research & Strategy Generation with CrewAI

- Built an **AI-powered marketing automation system** using **CrewAI agents** to orchestrate intelligent agents for comprehensive market research, competitor analysis, and data-driven content generation.
- Integrated **SerperDevTool**, **ScrapeWebsiteTool**, and custom AI modules to extract real-time web insights, analyze brand positioning, and generate **strategies**, **campaigns** and growth recommendations using **NLP**.

CERTIFICATES / WORKSHOP

Full Stack Java 🔗 | Full Stack Web (MERN) 🔗 | Fundamentals of Deep Learning 🔗 | Databases 🔗

EDUCATION

REVA University, Bachelor of Computer Applications

Aug 2021 – Aug 2024 | Bengaluru

- CGPA: 8.22