NAIDU ANKITA

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Profile Summary

Computer Science graduate specializing in AI/ML and LLM-based systems with hands-on experience in RAG pipelines, LangChain, FlowiseAI, and Hugging Face. Skilled in designing retrieval-augmented applications, optimizing workflows, and improving decision-making with quantifiable impact.

Internships

Genpact India Pvt. Ltd.   **Jul 2024 – Dec 2024**
R&D Intern – AI & Machine Learning   *Bangalore*

- Built AI-driven applications using FlowiseAI and LangChain, integrating OpenAI and Hugging Face models to automate internal workflows and improve efficiency by 40%.
- Automated repetitive tasks with Microsoft Power Automate, reducing manual effort and accelerating reporting cycles across teams.
- Developed conversational AI agents with Copilot Studio, streamlining customer support.
- Applied transferable skills in GenAI, workflow orchestration, and automation to deliver scalable, production-ready solutions.

Lagozon EduTech Pvt. Ltd.   **May 2023 – June 2023**
Data Analytics Intern   *Remote*

- Designed Power BI dashboards for real-time business insights, improving decision-making speed and accuracy.
- Automated reporting workflows using DAX and Power Query, eliminating manual errors and enhancing data usability.

Projects

Self-Improving RAG System | *FlowiseAI, LangChain, React, OpenAI*

- Engineered a self-improving RAG pipeline where the LLM validated retriever outputs and dynamically rewrote queries, increasing retrieval precision by 30%.
- Minimized hallucinations and improved factual accuracy by filtering irrelevant documents through an iterative verification loop.
- Delivered a React-based frontend for transparent responses, showcasing query inputs, validated documents, and grounded outputs.

Crop Prediction System | *Python, ML*

- Implemented a classification-based ML model to recommend optimal crops using soil and climate features.
- Applied data preprocessing, feature engineering, and algorithm comparison (Logistic Regression, Decision Tree, Random Forest, Gradient Boosting).
- Improved yield prediction accuracy and provided actionable insights for agriculture.

Code Sync - Real Time Collaborative Code Editor | [GitHub](#) | *React, Node.js, Socket.io*

- Developed a full-stack React and Node.js collaboration app supporting 5+ concurrent users with real-time syncing.
- Implemented room-based sessions, live cursor tracking, and RESTful APIs, enabling smooth user collaboration.

Skills

Programming: JavaScript, Python, Java, C
Web Development: React.js, HTML5, CSS3, Bootstrap, Node.js, Express.js, REST APIs
Databases: MySQL, SQL, MongoDB
AI & LLM: Prompt Engineering, Gen AI, LangChain, RAG, Hugging Face, FlowiseAI
Tools & Platforms: Git, Microsoft Power Automate, Microsoft Copilot Studio
Soft Skills: Attention to Detail, Problem-Solving, Team Collaboration, Adaptability

Education

Gandhi Institute of Engineering and Technology University   **Nov 2021 – Apr 2025**
B.Tech in Computer Science and Engineering – CGPA: 9.15/10.0   *Gunupur, Odisha*

Certifications

- [Introduction to Generative AI - Google Cloud (via Simplilearn SkillUp)](#)
- [Data Analytics Job Simulation (Forage) - Tata Group](#)
- [Data Structures and Algorithms using Java - NPTEL](#)
- [Salesforce Administrator Virtual Internship - Smart Internz](#)

Achievements

- Solved **280+ Data Structures & Algorithms problems** on **Naukri Code360**.
- [HackerRank](#): **5 Gold Badge** in **Java**, **3 Silver Badge** in **Python**, and **SQL (Basic) Certification**.
- Achieved **7th rank** in **Odisha Joint Entrance Examination (OJEE)** 2021.