Mohd Ahmad Ansari

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GitHub | LinkedIn

Professional Summary

Software Engineer with more than 3 years of experience at Infosys, providing AI-driven solutions and enterprise software. Expert in Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), and LangChain, driving efficiency gains up to 30%. Proven leader in complex migrations and automation projects. Interested in contributing my expertise in AI development, problem solving and project execution to a forward thinking team, fostering growth and driving excellence in software development

Experience

Infosys — Jul 2024 – Present
Senior System Engineer — *Hybrid*

- Built AI applications with Microsoft Power Platform and Azure AI Services, boosting process efficiency by 20%.
- Implemented RAG-based systems using LangChain, improving content relevance by 15%.
- Deployed LLMs in workflows, enhancing user satisfaction by 25%.
- Accelerated AI model deployment with TensorFlow, cutting time-to-market by 10%.

Infosys — Aug 2022 – Jul 2024
System Engineer — *Hybrid*

- Led migration for 1 Lakh+ home drives to OneDrive for a diverse user base ensuring seamless access to critical data and enhancing collaboration efficiency , reducing downtime by 30%.
- Developed custom migration scripts and tools with Python, while ensuring data accuracy and security.
- Developed Python-based automation tools, saving 25% in manual effort.

Infosys — Mar 2022 – Jul 2022
System Engineer Trainee — *Hybrid*

- Created SharePoint solutions with TypeScript and React.
- Improved database performance by 15% using MySQL.

Projects

- **Chat Assistant with Multi-PDF Support**: Developed an advanced chatbot using Retrieval-Augmented Generation (RAG) with Groq LLMs and LangChain. Enabled multi-PDF upload, context-aware Q&A, session history, and CSV export, all through a user-friendly Streamlit interface.
- **ARIA: Augmented Retrieval and Insight Agent**: Easily extract insights from chats, retrieve solutions, and visualize key metrics using RAG + Agentic AI.

Education

Glocal University — Aug 2017 – Sep 2021
B.Tech in Computer Science and Engineering — *Saharanpur, Uttar Pradesh*

- 78.5%

Technical Skills

- **AI & ML:** LLMs, RAG, LangChain, Azure AI Services, TensorFlow
- **Languages:** Python, JavaScript, SQL
- **Tools:** Power Platform, Azure DevOps, Git
- **Databases:** MySQL, SQL Server

Certifications

- Azure AI Engineer Associate – Microsoft
- PL-900: Microsoft Power Platform Fundamentals – Infosys
- Introduction to OpenAI GPT Models – Infosys

Additional Information

- **Languages:** English (Fluent), Hindi (Native)