

Ankit Kushwaha

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Career Objective

Hands-on developer skilled in **AI, full-stack development, and cybersecurity**. Passionate about building **end-to-end solutions** using **FastAPI, Next.js, LangChain, RAG pipelines, and MCP**. Eager to **ship impactful features** and explore **cutting-edge AI** in fast-moving startups.

Skills

- **Programming & Backend:** Python (FastAPI, Flask, Django, Django REST Framework), REST APIs, SQL, MongoDB
- **Frontend:** Next.js, React, TailwindCSS, TypeScript
- **AI & ML:** LangChain, LangGraph, RAG pipelines, Hugging Face, PyTorch, Transformers, Generative AI, SafeTensors, Fine-Tuning, Prompt Engineering, MCP
- **Other Tools:** Git/GitHub, Docker, Docker Compose, Postman, VS Code, Linux CLI, CI/CD (GitHub Actions), Cloud (AWS/GCP basics)

Projects

Built a system for analyzing customer feedback and extracting insights using AI pipelines.

- Developed **FastAPI backend** to manage customer feedback and expose REST endpoints.
- Integrated **LangChain RAG pipeline** for summarizing feedback into actionable insights.
- Experimented with **LangGraph** for workflow orchestration of AI agents.
- **Reduced feedback processing time by ~40% with optimized RAG + FAISS vector search.**

Full-Stack Learning Portal

- Developed **Next.js frontend** + Django backend for student/employee profiles.
- Designed **MongoDB schema** to store separate datasets for users.
- Created **interactive UI** showing professional profiles with TailwindCSS components.

Education

B.Tech. Computer Science | Nitra Technical Campus | 2022 – 2026