Anushka Pundir

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Summary

Results-driven Computer Science student skilled in Generative AI, Full Stack Development, and Software Engineering. Experienced in developing scalable AI and web applications using Python, Django, Streamlit, LangChain, and OpenAI APIs. Passionate about integrating AI into real-world platforms to improve automation, performance, and user experience.

Skills

• Programming: Python, SQL
• AI & LLMs: LangChain, RAG, Prompt Engineering, Groq LLaMA, Gemini API, OpenAI API
• Frameworks: Django, Streamlit, Flask
• Web Technologies: HTML5, CSS, REST APIs
• Databases: MySQL
• Tools: GitHub, VS Code, GoogleColab
• Core CS Concepts: Data Structures & Algorithms, OOP

Projects

- *Health Assisting Agent*
 - Tech stack: Python, Streamlit, Supabase, Groq LLaMA API
 - Developed a secure AI-based health assistant to analyze PDF medical reports using LLM-powered interpretation.
 - Integrated Supabase authentication and PostgreSQL storage for secure user data and analysis history.
 - Enhanced analysis accuracy through text chunking and summarization for lengthy medical documents.
 - Improved user workflow by storing medical history and secure authentication via Supabase.
- *AI Kisan Mitra – Smart Farming Assistant*
 - Tech stack: Django, Gemini Vision API, Python, HTML, CSS
 - Built a web app to analyze crop and soil images for disease detection and fertilizer recommendations.
 - Integrated Gemini Vision API for real-time AI insights with multilingual interface for rural accessibility.
 - Helped farmers get 90%+ accurate disease detection and fertilizer guidance using AI image analysis.
- *Groq PDF Chatbot*
 - Tech stack: Python, Python, LangChain, Vector embeddings, Groq API, Streamlit
 - Developed an LLM-powered PDF chatbot using Groq LLaMA and LangChain to enable context-aware question answering.
 - Implemented a Retrieval-Augmented Generation (RAG) pipeline with text chunking, embeddings, and semantic search for accurate responses.
 - Designed an end-to-end document processing workflow to efficiently handle and analyze unstructured PDF content.

Education

Meerut Institute of Engineering and Technology, Meerut
B.Tech – Computer Science & Engineering - **82.2%**   (2022-2026)
Holy Angels' Convent School, CBSE
Class 12 – 87.6%   (2021-2022)
Class 10 – 93%   (2019-2020)

Achievements

• Built multiple AI-driven projects applying LLMs, APIs, and RAG pipelines.
• Collaborated effectively in cross-functional teams and earned recognition for innovation and leadership in project execution.

Certifications

• Oracle Cloud Infrastructure 2025 Generative AI Professional
• Udemy Certifications: Django Web Development & Python Programming
• Generative AI Fundamentals – Google
• LangChain & LLM App Development (Self Project Learning)