

AKRUTI KHAMBHALIYA

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PROFILE

Enthusiastic AI/ML student committed to solving real-world problems. My expertise lies in building and deploying intelligent systems by integrating Machine Learning, NLP, Large language Models with strong skills in Python, Langchain and Langgraph.

EDUCATION

2022 – 2026 Ahmedabad	Bachelor of Engineering-CSE(AIML) <i>NLJIET (GTU)</i>
2021 – 2022 Surat	HSC board <i>Gajera International School</i>

SKILLS

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- Gen AI
- Agentic AI
- RAG and Vector Database
- Machine Learning
- FastAPI
- Prompt Engineering
- N8N

PROJECTS

AI-Powered Blogging Platform (MERN Stack)

- Built a full-stack blog app using **React, Node.js, Express, MongoDB** with AI integration via **Google Gemini** for content generation.
- Implemented image upload & optimization using **ImageKit API** and developed secure authentication & admin dashboard.

CerebralQuest-AI — Research Assistant Web App [🔗](#)

- Developed a web application using **Streamlit** that helps researchers/students explore and interact.
- Features include:
 - PDF summarization: generate bullet-point summaries + keyword extraction.
 - Research chatbot: pulling in content from arXiv, RSS feeds, or custom URLs.
 - Uses lightweight models (like Flan-T5 small) for summarization and Q&A.

CERTIFICATES

Summer Internship Program – Artificial Intelligence (CSRBOX Foundation) [🔗](#)

- Gained exposure to AI fundamentals, real-world CSR-based use cases, and technology-driven solutions for social impact.
- Developed a Streamlit-based AI tool using langchain and GROQ API to provide sustainable shopping advice and eco-friendly product recommendations.

Python 101 for Data Science – IBM (Cognitive Class) [🔗](#)

A course on cognitiveclass.ai [🔗](#) Powered by IBM Developer Skills Network.