

KARTIK GUPTA

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[LinkedIn](#) | [GitHub](#) | [LeetCode](#) | [Codeforces](#) | [Kaggle](#) | [Portofolio](#)

SUMMARY

Computer Science (AI & ML) undergraduate with experience building AI-powered applications using Python, LLMs, Flask, and machine learning workflows. Skilled in Machine Learning, Data Analysis, Prompt Engineering, Data Structures & Algorithms, Backend Development, and model deployment. Interested in AI Engineering, Machine Learning, Generative AI, and intelligent systems.

EDUCATION

B.Tech in Computer Science in (AI & ML), Galgotias University 2023 - Present

SKILLS

Languages:	Java, Python, SQL
AI & ML:	Scikit-Learn, Pandas, NumPy, Matplotlib, Jupyter Notebook
AI/ML Concepts:	Feature Engineering, Model Evaluation, Data Analysis, Prompt Engineering
Generative AI:	OpenAI API, Ollama, LangChain, Google ADK, FastWhisper
Backend:	Flask, REST APIs, FastAPI
Database:	MySQL, PostgreSQL, SQLite
Tools:	Git, GitHub, Linux, Postman, Google Colab
Core Concepts:	DSA, OOP, DBMS, Operating Systems, Computer Networks

PROJECTS

Lead And Outreach AI Agent — Flask, Python, REST API's, OpenAI ([GitHub](#)) May 2026

- Developed an AI-powered lead qualification and outreach system using Flask and OpenAI APIs.
- Designed RESTful APIs and JWT-based authentication for secure campaign management.
- Designed prompt engineering workflows to generate personalized outreach emails using OpenAI language models.
- Integrated MongoDB for lead storage and campaign tracking.

Local Voice Assistant — Python, Ollama, FastWhisper ([GitHub](#)) Sep 2025

- Built an offline voice assistant using Ollama LLMs and FastWhisper speech recognition.
- Implemented end-to-end speech-to-text, local inference, and response generation without cloud APIs.
- Designed a privacy-focused architecture capable of operating entirely offline.
- Automated voice-driven commands and task execution workflows.

ACHIEVEMENTS

- Solved 1000+ DSA problems across LeetCode, Codeforces, CodeChef and GeeksforGeeks.
- Authored a coding problem that was reviewed and published on LeetCode.
- Developed and submitted a machine learning model for Kaggle House Price Prediction competition.

CERTIFICATIONS

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| • CodeChef – NumPy for Numerical Computing | June-2026 |
| • CodeChef – Pandas for Data Analysis and Manipulation | June-2026 |
| • Kaggle – Intro to Machine Learning | April-2026 |
| • Kaggle – Intermediate Machine Learning | April-2026 |