

KARAN KASHYAP

Gurugram, Haryana

☎ +91-7876726690 ✉ kashyapkaran483@gmail.com [in](#) [Linkedin](#) [G](#) [Github](#) [LeetCode](#)

SUMMARY

Aspiring AI Backend Engineer with hands-on experience in developing REST APIs, scalable backend systems, and ML-powered applications using Python, FastAPI, SQL, and modern AI frameworks.

EDUCATION

K.R. Mangalam University

B.Tech - Computer Science and Engineering — CGPA - 8.22

2023 – Present

Sohna, Gurugram, Haryana

EXPERIENCE

Ethara AI

Role - LLM Post Training Intern

February 2026 - August 2026

Gurugram, Haryana

- Contributed to 7+ LLM projects using SFT, RLHF, and RLVR to improve alignment and reasoning.
- Engineered adversarial prompts and evaluation datasets to uncover model failures and enhance reliability.
- Developed and evaluated agentic AI workflows using OpenClaw and modern LLM frameworks.
- Evaluated multimodal vision-language models through image comparison and quality assessment tasks.

Unified Mentor Pvt. Ltd.

Role - Web Developer Intern

June 2025 - September 2025

Gurugram, Haryana

- Contributed to multiple full-stack web applications during a 3-month internship at Unified Mentor.
- Built responsive web applications using HTML, CSS, JavaScript, Bootstrap, Python, and Flask.
- Developed RESTful APIs, implemented CRUD functionality, and managed data using MySQL.
- Collaborated using Git and GitHub while debugging, testing, and optimizing application performance.

PROJECTS

Music Recommendation System [↗](#) | Python, Javascript, scikit-learn, TensorFlow, Streamlit Aug 2024

- Built a music recommendation system using machine learning on a 1M+ song Kaggle dataset.
- Preprocessed audio metadata and engineered features in Jupyter to improve recommendation accuracy.
- Built an interactive Streamlit web application for real-time personalized music recommendations.
- Implemented recommendation pipelines using Scikit-learn and TensorFlow for efficient model inference.

Human Resource Management System [↗](#) | HTML, CSS, JavaScript, Flask, SQLite

Feb 2026

- Built a Human Resource Management System (HRMS) for employee and attendance management.
- Implemented CRUD operations, attendance tracking, and role-based employee management using SQLite.
- Built RESTful APIs with Flask, SQLAlchemy, and input validation for secure data handling.
- Designed a normalized SQLite database schema for employee and attendance records.

SKILLS

Languages: Python, SQL, Bash

Backend: FastAPI, Flask, SQLAlchemy, REST APIs, AsyncIO, WebSockets, JWT, OAuth 2.0, Pydantic

AI/ML: LangChain, LangGraph, PyTorch, TensorFlow, Scikit-learn, Hugging Face Transformers, Google ADK, FAISS, RAG, MCP

Databases: PostgreSQL, MySQL, SQLite, Redis, Qdrant, MongoDB

Cloud & DevOps: Docker, Kubernetes, AWS, GitHub Actions, Nginx

Tools: Git, GitHub, GitLab, Linux, Postman, VS Code, Jupyter Notebook

CERTIFICATIONS

- Bootcamp on Big Data & Data Science - C-DAC Noida (2024)
- Gen AI Academy - Google (2025)