Sahil Bhayre

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Summary

Motivated Computer Science student specializing in AI and ML. Passionate about building intelligent systems and applying machine learning techniques to real-world problems. Seeking opportunities as an ML/AI Engineer through impactful projects and internships.

Skills

Programming:

- HTML, CSS
- JavaScript (Basic)
- Python
- NumPy
- Pandas
- Foundations of GenAI

Analytical Abilities: Data Cleaning, Data Manipulation, Data Visualization, EDA.

Experience

AI Project Engineer — Kaggle × Google AI Agent Intensive Program   Nov 2025

- **Project: AI-Powered Personal Meal Assistant**
- Built a full multi-agent AI system (Planner, Recipe Worker, Product Worker, Executor, Monitor, Tool Agents).
- Designed complete reasoning pipeline: Planner → Workers → Executor.
- Added MemoryBank + session management for persistent long-term user context.
- Combined agents into a unified FastAPI microservice; improved speed and deployment simplicity.
- **Tech Stack:** Python, FastAPI, Multi-Agent Systems, REST APIs, HTTPX, Uvicorn
- ⬡ github.com/project-link

Projects

Travel Booking and Packages Website | HTML, CSS   Dec 2024

- Developed a responsive website to browse destinations and travel packages.
- Built clean UI/UX using Flexbox and CSS Grid with smooth animations.
- Implemented mobile-friendly layouts and appealing visuals.
- **Tech Stack:** HTML5, CSS3, CSS Animations
- ⬡ github.com/project-link
- 🔗 Deployment Link

AI-Powered PDF Assistant | Python   Nov 2025

- Built an AI-powered RAG system for answering questions from uploaded PDFs.
- Implemented text extraction, intelligent chunking, embeddings, and FAISS vector search.
- Integrated Google Gemini 1.5 Flash for contextual answering and summarization.
- Created a Streamlit interface with PDF upload, chat history, and adjustable chunk sizes.
- **Tech Stack:** Python, Streamlit, LangChain, FAISS, RAG, Embeddings, Gemini
- ⬡ github.com/project-link
- 🔗 Deployment Link

Awards & Certifications

- **Python 101 for Data Science – IBM**
- **HackerRank Python Certificate – Advanced Problem Solving**
- **Foundations in GenAI – IBM**
- **SimplifyAI Certificate of Recognition – AI Automation**
- **Introduction to NumPy – Simplilearn**
- **Kaggle Certificate – Pandas**

Education

B.Tech in Computer Science (AI/ML Specialization)
University Institute of Engineering and Technology (UIET), MDU Rohtak