

SAHIL KHANDELWAL

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EDUCATION

Bachelor Of Technology (CSE) , KIET Group of institutions, Delhi-NCR Relevant Coursework: DBMS, OS, DSA, Python	2020-2024
CBSE , Sumeet Rahul Goel Memorial School	2017-2019
CBSE , St. Francis Convent School	2017

EXPERIENCE

AI Engineer DAO Studio	October 2023 - Present <i>Lucknow/Remote</i>
<ul style="list-style-type: none">Joined DAO Studio as the first employee and built the project from scratch.Led technical architecture initiatives, ensuring robust and compliant frameworks aligned with business objectives. Utilized concepts of NLP, GenAI, LLM, and Transformer (GPT) for Generative AI.Worked on different LLM's like Llama, Gemini, Mistral8x7B, phi-3, gpt-3.5 turboImplemented Reinforcement Learning from Human Feedback (RLHF) strategies to fine-tune AI models, optimizing client-centric solutions and enhancing overall performance of the AI system.Managed cross-functional teams, serving as a crucial liaison between clients, engineering, and product teams. Developed an AI system with RAG pipeline to work on financial data in a secure manner.	
AI Engineer- Intern DAO Studio	July 2023 - Present <i>Lucknow/Remote</i>
<ul style="list-style-type: none">Designed and implemented an AI system utilizing LMQL, chainlit, RLHF, RAG, Langchain, LlamaIndex and Langflow to derive financial insights. Actively engaged with clients and contributed to the creation of white papers, product specifications, and cross-team optimization initiatives.	

PROJECTS

Vasudhaiva Kutumbakam - AI Legal Chatbot Developed an AI-based legal chatbot leveraging OpenAI embeddings, ChromaDB, OpenAI GPT 4 and RetrievalQAchain. Orchestrated the use of RetrievalQAchain to ensure accurate and context-aware responses. Dockerized the complete application and pushed to AWS EC2

Scranton Developed an innovative augmented reality (AR) application using Unity 3D, Vuforia, and C to revolutionize the dining experience in restaurants. The app enables customers to visualize food menus in AR and preview food products, enhancing engagement and decision-making. Demonstrated proficiency in AR development and leveraged cutting-edge technologies to create immersive and interactive experiences for users.

iManage Designed and implemented a Java-based Android application for inventory management, leveraging SQL database integration for efficient data handling. The app provides seamless inventory tracking and management capabilities, empowering businesses to streamline operations and optimize resource utilization. Demonstrated expertise in mobile app development, database management, and problem-solving skills to meet business needs effectively

SKILLS

Technical Skills	Python, Pandas, BS4, Anaconda, MySQL, Sqlite3, Java, MS EXCEL,
NLP	Hugging Face, LLM, GenAI, RLHF, Transformer Model, Langchain,
n	LamaIndex, QLoRA, Pytorch, PEFT, Agent Framework
Development	OOPS, CI/CD pipeline, Flask, Postman, Git and Github, ThunderClient, Azure openAI

EXTRA CURRICULAR

- Screener based algorithmic Trading.
- Volunteer in Pragmatic Fashion Society, KIET
- Fundamental analysis of publicly listed Companies.