

SAHIL KHANDELWAL

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EDUCATION

Bachelor Of Technology (CSE) , KIET Group of Institutions, Delhi-NCR	2020-2024
Relevant Coursework: DBMS, OS, DSA, Python	
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 inaugural employee and directed technical architecture initiatives to establish robust and compliant frameworks aligned with business objectives, utilizing NLP, GenAI, LLMs.Led the project development from the ground up, engaging with various LLMs, including OpenAI and open-source models from Hugging Face.Implemented RLHF strategies to fine-tune AI models, optimizing client-centric solutions and enhancing system performance by selecting appropriate variants based on benchmarks like GLUE and MMLU, and conducting A/B testing.Supervised cross-functional teams, serving as a critical link between clients, engineering, and product teams. Engineered an AI system with an RAG pipeline to securely process financial data.Worked closely with clients to understand their requirements and configure AI systems, designing prompts to guide LLMs in generating efficient outputs.	
AI Engineer - Intern DAO Studio	July 2023 - October 2023 <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 product specifications, and cross-team optimization initiatives.	

PROJECTS

Vasudhaiva Kutumbakam

- Created an AI-powered legal chatbot utilizing OpenAI embeddings, ChromaDB, OpenAI GPT-4, and RetrievalQAchain. Achieved precise and context-sensitive responses through the implementation of RetrievalQAchain. Containerized the complete application using Docker and deployed it on 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, MySQL, SQLite3, Java, MS Excel
NLP	Hugging Face, LLM, GenAI, RLHF, Langchain, LlamaIndex, QLoRA, PEFT, Agent Framework
Development	OOPS, CI/CD pipeline, Flask, Postman, Git and GitHub, ThunderClient

EXTRA CURRICULAR

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