Abhishek Soni

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CORE SKILLS

AI Development, Python, N8N, Pinecone, RAG, LLM, API Testing, Claude, Excel, Generative AI, Javascript, Postman, PowerBI, SQL, Unreal Engine, Automations,

WORK EXPERIENCE

Patent Ninja   Remote - London, UK
Project Manager, AI Development   May, 2024 − Current
- Developed AI Chatbot Pipeline using N8N, Pinecone and OpenAI.
- Collaborated with Backend Development team to work on Search Patent Application feature and API Testing.

Iprop91   Remote - Gurgaon, Haryana
Intern, AI and Data Management   May, 2024 − Current
- Implemented data quality checks and validation processes
- Created automated scripts to clean, transform, and normalize raw data
- Contributed to data infrastructure development and maintenance
- Implemented error handling and logging for robust script performance

Shubhkey Infotech LLP   Onsite - Ahmedabad, Gujarat
Data Analyst Intern, Founder's Office   June, 2023 − July, 2023
- Implemented SQL queries for Data Cleaning and Data Manipulation on 3 core projects
- Delivered 5 fully functional Microsoft Power BI reports from scratch.

PROJECT WORK

BeatSync Video Editor   Librosa, ffmpeg, Python and Streamlit
- Developed a Python-based multimedia synchronization program
- Implemented beat detection using librosa, enabling precise alignment of visual content with audio tracks.
- Gained in-depth knowledge of audio processing, beat detection, and multimedia synchronization techniques through hands-on development
- Enhanced performance by optimizing audio analysis and synchronization algorithms for faster processing and accurate beat matching.

Real-Time Voice Agent   OpenAI, Deepgram and Vocode
- Built an interactive voice assistant using OpenAI ChatGPT-3.5, Deepgram, GTTS Synthesizer, and Vocode.
- Implemented GTTS Synthesizer to convert text responses into natural-sounding speech.
- Utilized Vocode to ensure smooth and clear voice transmission, minimizing latency.
- Leveraged OpenAI ChatGPT-3.5 to provide intelligent and context-aware responses to user queries.

USPTO-Patent Downloader Check it Out!   OpenAI, Flask, CSS and HTML
- Created a web application that leverages Flask, USPTO API, and OpenAI API for efficient patent search and retrieval.
- Utilized the USPTO API to retrieve relevant patent records based on extracted keywords, ensuring comprehensive search results.
- Designed an intuitive and easy-to-navigate web interface using Flask, providing a seamless user experience.
- Optimized API calls to ensure quick and efficient retrieval of patent records from the USPTO database.

ZeeQ Product Analytics   Data Analytics, Microsoft Power BI
- Developed a high-performance, easily readable Power BI Dashboard with an integrated Performance and Product Insights for an E-commerce Store.
- Implemented DAX functions and measures to figure out Top 10 Resellers, Products and Subcategories in multiple countries

Qrator HR Report   Data Analytics, Microsoft Power BI
- Integrated Performance Analytics and Employees report resulted in obtaining a clear insights into their overall performance
- Built a Power BI Dashboard for all the available sites and successfully obtained insights into Job Satisfaction and Department Analytics

EDUCATION

College Of Technology and Engineering   Udaipur, Rajasthan
Bachelor of Technology, Artificial Intelligence and Data Science   GPA: 7/10   07/2021 - Current