Vinay Jain

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SUMMARY

I am an AI/Full Stack developer at GreenFi working on RAG architecture, agents, and building AI solutions. I have completed a **Bachelor of Engineering in Artificial Intelligence and Data Science** with Honours in Blockchain. I'm proficient in Python, LLM, AI agents, SQL, and Machine Learning. I am passionate about developing GenAI apps and solutions.

SKILLS

Technical Skills - Next JS, React, Node JS, Python, Django, FastAPI, Numpy, Pandas, Scikit-learn, Tensorflow, Keras, Matplotlib, Data Analysis and Visualization, Big Data, PowerBI, Tableau, Mage AI, Apache Airflow, SQL, Langchain, Langflow, CrewAI, Git, AWS EC2, AWS lambda, AWS RDS, and Agile methodologies.
Soft Skills - Team player, Collaboration, Problem-solving, and Leadership.

WORK EXPERIENCE

AI/Full Stack Developer - GreenFi   June 2024 - Present

– Developed a RAG pipeline using the OpenAI API and Qdrant VectorDB, and created Flask APIs to access this RAG system and integrated it with existing system.
– Fixing errors and bugs on both the frontend and backend built on React and Node JS.
– Setting up AWS RDS, EC2 instance with Elastic IP, and Cloudfront for deploying and running the code on it.

INTERNSHIPS

Machine Learning Intern - Intel Corporation   July 2023 - Oct 2023

– Developed AI solutions for real-world challenges with the Intel team.
– Built ML models from raw data collection to deployment.
– Created a Web Crawler using BeautifulSoup to collect and analyze Amazon product reviews.

Backend Developer - Creative Finserve Pvt. Ltd   Sept 2022 - Jan 2023

– Built backend logic for the CRM system using Django.
– Designed and implemented data models, database schema, and handled URL routes.

PROJECTS

Document QA system - RAG   Link to Web app

It processes PDF documents and provide concise answers to user queries based on the content of those documents. It's built using tools and frameworks like Langchain, PyPDF, OpenAI, ChromaDB, and Streamlit.

Language Detector   Link to Web app

Built a Language Detector web app using CountVectorizer, MultinomialNB, and Streamlit. It can detect 17 languages with an accuracy of 92%

EDUCATION

2020 - 2024	Bachelor of Engineering(AI and Data Science) at **Shah and Anchor Kutchhi Engg. College**	(8.64/10)
2020	Class 12th Maharashtra State(HSC) Board	(77.85%)
2018	Class 10th Maharashtra State(SSC) Board	(91.00%)

OTHER ACHIEVEMENTS

– Served as GDSC AI-ML lead, handling and organizing events, and addressing queries from numerous students.
– Achieved 8th place in Smart India Hackathon (SIH 2022) at college level.
– Conducted sessions on PowerBI and Machine Learning sessions to engineering students.