OM SINGH

EXPERIENCE

Intern, 06/2024 to 06/2024
IBM Skillbuild - Mumbai, India (Remote)

- Developed a highly accurate (96% accuracy) water quality monitoring system using IBM Cloud and AutoAI.
- Successfully integrated the system for real-time water quality monitoring, demonstrating expertise in cloud-based solutions and data science workflows.

Project Intern, 04/2024 to 06/2024
INeuron - Mumbai, India (Remote)

- Fine-tuned the Llama 3 language model to create a chatbot capable of negotiating prices in a simulated environment.
- Demonstrated proficiency in large language model training, conversational AI development, and data collection and preparation.

Project Intern, 01/2024 to 02/2024
Physics Wallah - Mumbai, India (Remote)

- Built a machine learning model for real-time phishing threat detection, achieving 95% accuracy using logistic regression and random forest algorithms.
- Successfully deployed the model into a web application for immediate threat identification, showcasing expertise in developing and deploying machine learning models.

PROJECTS

Experienced in developing impactful applications using Gemini technology, adept at leveraging AI and advanced APIs to deliver personalized solutions:

AI-Powered Study Plan Generator (Gemini Technology) | July 2024

- Developed an AI-driven study plan generator using Gemini technology to personalize study schedules, source relevant blogs, and curate YouTube content.
- Implemented RAG features for interactive learning, linking resources seamlessly, and enabling user interaction for doubts and tests.

Resume to Video (LLama 3 Technology) | May 2024

- Created an application that transforms resumes into professional summary videos using LICA and Groq (LLama 3) APIs.
- Successfully deployed the application, demonstrating expertise in building user-friendly tools.

Diet Recommendation App (Gemini Technology) | March-April 2024

- Developed a RAG system for personalized diet plans, enhancing user fitness goals.
- Utilized Gemini technology for tailored diet suggestions, contributing to user well-being.

CONTACT

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SKILLS

- Programming Languages: Python
- Python Web App: Django, Flask, FastAPI, Streamlit, Gradio.
- Databases: SQL (MySQL)
- Data Analysis: NumPy, Matplotlib, Seaborn, Plotly,Bokeh, PoweBI.
- Data Science: scikit-learn, TensorFlow ,Machine Learning , Deep Learning (DL), Natural Language Processing (NLP).
- Model Tracking and Experiment Management: MLflow
- Generative AI: LangChain, Hugging Face,CrewAI.

EDUCATION

Certification Course, Data Science, Expected in 09/2025
PWSkills

Bachelor of Engineering, Artificial Inteligence And Data Science, Expected in 05/2025
Vasantdada Patil College of Engineering - Mumbai, India

CERTIFICATIONS

- Foundations of Data Science, Machine Learning, Deep Learning, Natural Language Processing, and Artificial Intelligence Certification
- Infosys Springboard
- General AI with AWS Certification
- Udacity
- Build 12+ project using Gemini(Krish Naik)
- Udemy