

Muhammed Nishan

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Professional Summary

Results-driven Data Scientist with 2 years of robust industrial experience in Machine Learning and Generative AI. Proficient in Python programming and advanced AI methodologies, with a strong foundation in developing innovative solutions that refine user content recommendations through deep learning and NLP. Proven ability to lead teams, streamline processes, and enhance performance across diverse projects.

Skills

Machine Learning:

Generative AI, LangChain, LLM's, Python, HTML, Prompt Engineering, Statistics, Googling, Deep Learning, NLP, Computer Vision

Data Science Tools:

NumPy, Pandas, Matplotlib, Scikit-Learn, TensorFlow, PyTorch

Data Processing:

Spark, Pyspark, Flink

Visualization:

Tableau, Excel

Collaboration:

Cross-functional Team Leadership, Data-Driven Decision Making

Professional Experience

Data Scientist

Logicplum –

June 2022 - Present (1 Year 9 Months)

- Led a high-performing team of Data Scientists in the development of cutting-edge machine learning products focusing on user content recommendation.
- Integrated Open AI GPT-4 into systems for enhanced intelligent decision-making and personalized content delivery.
- Engineered automated pipelines that significantly streamlined Modelling Workflow, reducing latency and improving efficiency.
- Conceived and implemented advanced monitoring and alerting frameworks to ensure optimal performance of ML models.
- Cultivated a culture of continuous learning and experimentation, encouraging team members to innovate and iterate rapidly.

Projects

AI Assisted Instagram Reel Generator Platform

Spearheaded the development of an AI-powered platform using Google Gemini LLM to revolutionize the content creation process on Instagram, enabling users to generate engaging Reels with minimal manual effort.

ReGen - Job Search and Resume Generator

Pioneered the development of an AI-based platform that analyzes resumes, retrieves optimal job listings from LinkedIn, Naukri, and Indeed, then regenerates tailored resumes to align with specific job descriptions.

Webby - Chat with websites

Developed an AI chatbot utilizing Open AI API, enabling seamless and intuitive interactions between users and websites, enhancing user experience and accessibility.

Multi Document Chatbot

Created a Langchain-driven AI chatbot capable of processing multiple documents to deliver contextually rich, accurate responses, demonstrating advanced NLP and conversational AI capabilities.

Education

B.Sc Physics

MSM College, Alappuzha, Kerala

Graduation Year: 2021

Relevant Courses: Data Science Fundamentals, Statistical Methods in Physics, Computational Physics

Technical Proficiencies

Deep learning frameworks: TensorFlow, PyTorch, Huggingface, TF Serving, TorchServe

Nlp libraries: NLTK, SpaCy

References

Available upon request.