

Muhammed Nishan

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Professional Summary

Dedicated Data Scientist with over 2 years of industrial experience in Machine Learning and Generative AI, actively engaged in developing and optimizing data-driven solutions. Strong proficiency in Python programming and expertise in building scalable production pipelines. Proven ability to leverage cloud technologies, specifically Azure, to enhance model performance and streamline operations.

Skills

Data Science:

Generative AI, Machine Learning, Python for Data Science, API Development, Cloud Technologies (Azure, Databricks), Statistics, HTML, Prompt Engineering

Professional Experience

Data Scientist

Logicplum –

June 2022 - Present (1 Year 9 Months)

- Led a cross-functional team of Data Scientists to drive product innovation and development.
- Utilized Open AI GPT-4 to enhance decision-making capabilities, significantly improving model performance.
- Designed and implemented robust data pipelines for automating the ML workflow, ensuring reliability and scalability.
- Developed and deployed API services using FastAPI to facilitate seamless integration with the production environment.
- Integrated advanced monitoring and alerting systems to proactively identify and resolve issues.
- Cultivated a culture focused on continuous learning and applied improvements in data science practices.

Projects

AI Assisted Instagram Reel Generator Platform

Spearheaded the development of an AI Assisted Instagram Reel Generator powered by Google Gemini LLM, optimizing content creation processes with minimal manual input and enhancing user engagement.

ReGen - Job Search and Resume Generator

Engineered an AI-based platform that analyzes various resumes, identifies the most suitable job opportunities, and seamlessly regenerates tailored resumes that align with job descriptions.

Webby - Chat with websites

Developed an AI-based chatbot using Open AI API, enabling interactive conversation capabilities with websites and improving user interaction.

Multi Document Chatbot

Created a Langchain-powered AI chatbot capable of processing multiple documents, delivering accurate and context-rich responses for enhanced user experience.

Education

B.Sc Physics

MSM College, Alappuzha, Kerala
Graduation Year: 2021

Technical Proficiencies

Programming languages: Python, SQL
Cloud platforms: Azure, Databricks
Frameworks: FastAPI, Flask
Tools: Git, Docker

References

Available upon request.