Muhammed Nishan

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Location: Kollam, Kerala, India, 690518

Professional Summary

Results-driven Data Scientist with over 2 years of industrial experience in Machine Learning Operations and Generative AI. Proficient in Python programming and committed to driving innovation in ML model development and deployment. A collaborative team member with a proven ability to optimize workflows, enhance model performance, and improve code efficiency. Eager to contribute to cutting-edge projects that improve safety and operational excellence in the Video Safety and Telematics industry.

Skills

Data Science:
Generative AI, Machine Learning, Statistics, Python, HTML, Prompt Engineering, MLOps, Cloud Infrastructure Management, Data Engineering, Database Architecture

Professional Experience

Data Scientist

Logicplum –
June 2022 - Present (1 Year 9 Months)
• Lead a team of Data Scientists in advanced product development, enhancing ML capabilities.
• Integrated OpenAI GPT-4 to enhance decision-making processes in machine learning workflows.
• Designed and developed cloud deployment pipelines for ML models, ensuring robust infrastructure.
• Automated modeling workflows and implemented monitoring systems to enhance production applications.
• Championed continuous learning culture, resulting in consistent improvements in workflow efficiency and team performance.

Projects

AI Assisted Instagram Reel Generator Platform

Spearheaded the development of an AI-assisted Instagram Reel Generator utilizing Google Gemini LLM, streamlining content creation with high automation and minimal human intervention.

ReGen - Job Search and Resume Generator

Engineered an AI-driven platform that automates resume regeneration based on job descriptions, leveraging advanced data processing techniques.

Webby - Chat with websites

Developed an AI-based chatbot using OpenAI API, enhancing user interaction with websites through intelligent conversation.

Multi Document Chatbot

Created a Langchain-powered AI chatbot that processes multiple documents, delivering accurate and context-rich responses, showcasing effective data engineering.

Education

B.Sc Physics

MSM College, Alappuzha, Kerala
Graduation Year: 2021

Technical Proficiencies

Cloud technologies: AWS, S3, EC2, SageMaker
Automation tools: Airflow, Ansible, Terraform, Jenkins
Programming languages: Python, Bash
Version control: Git
Databases: PostgreSQL, MongoDB

References

Available upon request.