Muhammed Nishan

Email: mdnishan006@gmail.com | Phone: +91 6238636870 | Github: https://github.com/nishan0000 |
Location: Kollam, Kerala, India, 690518

Professional Summary

Dedicated Machine Learning Engineer with over 2 years of hands-on experience in designing, developing, and deploying machine learning models within diverse sectors. Proficient in Python and experienced in utilizing Generative AI technologies, along with a proven track record of delivering innovative solutions and optimizing workflows for enhanced performance. Adept at collaborating with cross-functional teams to translate business requirements into technical specifications and build scalable systems.

Skills

Machine Learning:
Generative AI, LangChain, LLMs, Python, TensorFlow, PyTorch, scikit-learn, Statistical Analysis, Data Cleaning, Model Evaluation
Communication:
Technical Writing, Collaborative Problem-Solving

Professional Experience

Data Scientist

Logicplum –
June 2022 - Present (1 Year 9 Months)
• Led a collaborative team of Data Scientists to develop product features and enhance existing models.
• Integrated Open AI GPT-4 to facilitate intelligent machine learning decisions throughout the pipeline.
• Developed and automated machine learning modeling workflows to improve efficiency and streamline processes.
• Established advanced monitoring, alerting, and maintenance protocols for deployed models to ensure operational excellence.
• Encouraged a culture of continuous learning, enabling team members to stay updated on the latest advancements in machine learning and contribute to open-source projects.

Projects

AI Assisted Instagram Reel Generator Platform

Spearheaded the development of an AI-assisted Instagram Reel Generator leveraging Google Gemini LLM, significantly streamlining the content creation process while minimizing human effort.

ReGen - Job Search and Resume Generator

Engineered an AI-powered platform that analyzes resumes, identifies optimal job matches across LinkedIn, Naukri, and Indeed, and dynamically regenerates resumes tailored to specific job descriptions.

Webby - Chat with Websites

Designed and implemented Webby, an AI chatbot utilizing Open AI API to facilitate seamless interactions between users and websites, enhancing user experience and engagement.

Multi Document Chatbot

Developed a Langchain-powered AI chatbot capable of processing multiple documents to generate accurate, context-rich responses, leading to improved user satisfaction and information retrieval.

Open Source Contributions

Open-source ML Library

Education

B.Sc Physics

MSM College, Alappuzha, Kerala
Graduation Year: 2021
Relevant Courses: Data Analysis, Mathematics for Machine Learning, Computer Programming

Technical Proficiencies

Cloud platforms: AWS, GCP
Mlops tools: Docker, Kubernetes, MLflow

References

Available upon request.