

Muhammed Nishan

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Professional Summary

Detail-oriented Data Scientist with over 2 years of hands-on experience in Machine Learning and Generative AI. Proficient in Python and R programming, with a proven ability to develop and deploy data-driven solutions that enhance operational efficiency. Adept at collaborating with cross-functional teams to solve complex business challenges and deliver impactful analytics products.

Skills

Machine Learning:

Generative AI, LangChain, LLM's, Python, R, Data Visualization, Statistics, Optimization Techniques, Prompt Engineering

Technical Skills:

Dockerization, REST APIs, Statistical Modelling Techniques, Agile Practices, CI/CD Processes

Professional Experience

Data Scientist

Logicplum –

June 2022 - Present (1 Year 9 Months)

- Led a team of Data Scientists to drive product innovation and implement advanced analytics solutions.
- Integrated Open AI GPT-4 to streamline ML decision-making processes, enhancing model performance by 30%.
- Developed and optimized automated modeling pipelines, reducing model deployment time by 40%.
- Implemented robust monitoring and alerting mechanisms to ensure system reliability and performance tracking.
- Cultivated a culture of continuous learning, mentoring new team members in best practices and emerging technologies.

Projects

AI Assisted Instagram Reel Generator Platform

Spearheaded the development of an AI Assisted Instagram Reel Generator using Google Gemini LLM, significantly streamlining the content creation process with minimal human intervention.

ReGen - Job Search and Resume Generator

Engineered an AI-powered platform that intelligently matches user resumes with favorable job openings from LinkedIn, Naukri, and Indeed, dynamically regenerating resumes tailored for specific job

descriptions.

Webby - Chat with Websites

Designed and developed 'Webby', an AI-based chatbot leveraging Open AI API, enabling seamless interactions with various websites and enhancing user engagement.

Multi Document Chatbot

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

Education

B.Sc Physics

MSM College, Alappuzha, Kerala

Graduation Year: 2021

Relevant Courses: Statistical Analysis, Data Mining, Operational Research

Technical Proficiencies

Data science tools: TensorFlow 2.0, PyTorch, Scikit Learn, H2O.ai

Programming languages: Python, R, SQL

Visualization tools: Tableau, Matplotlib, Seaborn

References

Available upon request.