

# Muhammed Nishan

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## Professional Summary

Results-driven Data Scientist with over 2 years of industrial experience specializing in Machine Learning and Generative AI. Proven expertise in developing end-to-end AI solutions, including advanced algorithms like clustering, regression, and NLP. Adept at leveraging Python and Modern Web Technologies to build interactive applications and ensure robust workflow optimization. Passionate about data engineering best practices and delivering data-driven insights.

## Skills

### Machine Learning:

Generative AI, LangChain, LLM's, Python, HTML, CSS, JavaScript, Prompt Engineering, Basic Statistics, Clustering, Forecasting, Anomaly Detection, Neural Networks, Convolutional Neural Networks, Autoencoders, Embeddings Generation, Jupyter Notebooks, Pandas, SciPy, Scikit-learn, Gensim, TensorFlow, PyTorch, Google Cloud Platform, BigQueryML, AutoML, SQL, NoSQL

## Professional Experience

### *Data Scientist*

Logicplum –

June 2022 - Present (1 Year 9 Months)

- Led a team of Data Scientists in the deployment of cutting-edge machine learning solutions, driving product development aligned with business goals.
- Integrated OpenAI's GPT-4 within machine learning frameworks to enhance decision-making processes and derive actionable insights.
- Designed and implemented data pipelines to automate modeling workflows, enabling rapid prototyping and deployment of machine learning models.
- Developed and maintained advanced monitoring and alerting systems to ensure model performance and reliability across production environments.
- Mentored junior data scientists and fostered a culture of continuous learning, driving team productivity and engagement.

## Projects

### *AI Assisted Instagram Reel Generator Platform*

Spearheaded the development of an AI-Assisted Instagram Reel Generator powered by Google Gemini LLM, streamlining the video creation process with minimal human intervention while ensuring high engagement rates.

### *ReGen - Job Search and Resume Generator*

Created an innovative AI-driven platform that optimizes job searches by analyzing resumes and aggregating suitable job listings from LinkedIn, Naukri, and Indeed, enhancing users' employment prospects.

### ***Webby - Chat with Websites***

Developed 'Webby', an AI-powered chatbot leveraging the OpenAI API to facilitate seamless conversations with websites, thereby improving user experience and engagement.

### ***Multi Document Chatbot***

Designed a Langchain-powered AI chatbot capable of processing multiple documents, delivering accurate, context-rich responses to inquiries, and enhancing information accessibility.

## **Education**

### ***B.Sc Physics***

MSM College, Alappuzha, Kerala

Graduation Year: 2021

Relevant Courses: Statistics and Probability, Data Analysis Techniques

## **References**

Available upon request.