

Muhammed Jahsh V

Data Scientist cum Analyst

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Summary

Driven by a passion for continuous growth and success, I am committed to collaborating with forward-thinking organizations that value innovation and excellence. With a dedication to personal development and a desire to make meaningful contributions, I seek opportunities where I can unleash my potential and thrive in challenging environments.

Experience

Dexpro Innovation, Data Scientist and Data Analyst

Trivandrum, Kerala
Jan 2025 – Present

- Developed and deployed predictive models using machine learning techniques and AI tools like TensorFlow, PyTorch, and Scikit-learn to optimize business strategies and enhance decision-making.
- Built and maintained automated data pipelines for data collection, preprocessing, and model deployment, ensuring seamless integration with business applications.

Futuralabs, Data Scientist and Data Analyst

Calicut, Kerala
Sep 2023 – Dec 2024

- Creating AI tools and also generate reports using BI tools.
- Developed interactive dashboards using Power BI, Tableau, and Excel.
- Automated data pipelines and model deployment
- Created a test case generation tool that creates random XML docs from XML Schema
- Working as Data Analyst trainer by helping interns to generate interactive dashboard and reports.

Techolas Technologies, Data Scientist Intern

Calicut, Kerala
Oct 2022 – Apr 2023

- Cleaned, transformed, and structured raw data for analysis.
- Developed and optimized ML models for predictive analytics.
- Worked closely with senior data scientists on real-world business problems.

Education

Diploma in Data Science

Techolas Technologies

Calicut, Kerala

2022 – 2023

Bachelor of Physics

University of Calicut

Malappuram, Kerala

2019 – 2022

Projects

AI Stick for the Blind - Smart Assistive Walking Stick

2025

- AI-powered smart walking stick designed to assist visually impaired individuals by detecting obstacles, recognizing objects, and providing audio feedback for safe navigation.
- Integrated GPS for navigation and text-to-speech (TTS) for real-time guidance.
- Sends an SOS alert with location details to a preset emergency contact in case of

danger.

Restaurant Whatsapp Bot - NLP and Chatbot

2025

- WhatsApp-based restaurant bot that allows customers in Ernakulam to easily access menus, cuisines, offers, and restaurant details through a simple chat interface.
- Use WhatsApp Business API to set up the chatbot and dialogflow for chatbot logic

Futuralabs Dashboard Automation - Microsoft Excel

2025

- To develop an automated dashboard in Excel for FuturaLabs Technologies, kerala, enabling real-time data updates, interactive reporting, and automated insights using VBA macros.
- Email/SMS alerts based on predefined conditions

Hand Gesture Controlled File Relocator - Computer Vision

2024

- AI-powered gesture-based logo reveal designed for the Coding Club inauguration at FuturaLabs, Calicut.
- Uses OpenCV and MediaPipe to detect a predefined hand gesture thumbs-up to trigger the logo reveal.
- Detects specific hand gestures using OpenCV and MediaPipe to perform file operations.

Coding Club Logo Revealing - Image Processing

2024

- AI-powered gesture-based logo reveal designed for the Coding Club inauguration at FuturaLabs, Calicut.
- The club's logo smoothly appears with an attractive animation on the projector screen once the gesture is recognized.
- Once detected, display the animated logo using OpenCV, Pygame, or VLC for video playback.

Rahya Village, Jammu - Power BI

2024

- To analyze and visualize demographic, economic, and agricultural trends in Rahya Village using Power BI, providing insights into population, literacy rate, income levels, employment sectors, and agriculture trends for better decision-making.
- Tools Used: Power BI, DAX, Power Query, Excel, Data Visualization

Vehicle Safety Assistance - Deep Learning

2023

- Detect whether a person inside a vehicle put his/her hand or head or both outside the window of vehicle and pass a signal to driver.
- Utilizes YOLO (You Only Look Once) for real-time detection of passengers putting their head or hand outside the vehicle
- Once the model detects unsafe behavior, it triggers an alert system sound notification to warn passengers or the driver immediately.

Skills

Programming Languages: Python, R, My Sql, Postgres sql, Javascript, C, DAX, VBA, Git, Html and Css

Tools: Power BI, Microsoft Excel, Tableau, SAS, Microsoft Office, Power Point

Frameworks: Django, Flask, Tkinter, Rasa, Dialogflow, Langchain

Artificial Intelligence: Machine Learning, Deep Learning, Computer Vision, Image Processing, Gen AI, NLP, LLM

Project Management Methodology: Agile Frameworks - Scrum, Kanban, Scrumban, Devops

Others: Aws, Docker, Heroku, Streamlit