

Muhammed Jahsh V

AI Developer

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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

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.
- Implemented custom Large Language Model (LLM) workflows using Hugging Face Transformers for domain-specific tasks, including fine-tuning and prompt engineering ensuring seamless integration with business applications.
- Designed and developed intelligent chatbots using frameworks like LangChain, Rasa, and Flask, integrating with OpenAI GPT APIs for natural language understanding and response generation

Futuralabs, Data Scientist

Calicut, Kerala
Sep 2023 – Dec 2024

- Fine-tuned pre-trained language models (LLMs) using domain-specific data to improve performance on custom NLP tasks.
- Developed WhatsApp and web-based bots using Twilio API and Streamlit/Gradio interfaces for real-time user interaction and automation
- Deployed models and applications on cloud platforms such as AWS EC2, Google Colab, and Render for scalable and reliable access.

Techolas Technologies, Data Scientist Intern

Calicut, Kerala
Oct 2022 – Apr 2023

- Cleaned, transformed, and structured raw data for analysis.
- Participated in fine-tuning Large Language Models (LLMs) with domain-specific datasets to improve chatbot accuracy and relevance.
- 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

Agentic AI Assistant for Eduare Learning Institute

2026

- Built an AI-based enquiry management system for educational services.
- Designed workflows to collect and process admission-related queries.
- Implemented AI-driven conversational responses for course information and support.
- Improved student engagement and reduced manual support workload.
- Created centralized monitoring of enquiries from multiple communication channels.
- Tools and technologies: Python, Langchain, API's

AI-Powered Trading Simulation Platform

2025

- Designed and developed an Agentic AI-powered trading ecosystem using CrewAI with autonomous agents simulating a full engineering team
- Implemented simulated trade APIs to execute dynamic trading strategies and validate system functionality.
- Planned future extensions: integration with live market data and reinforcement learning-based strategies.

AI Stick for the Blind - Smart Assistive Walking Stick

2026

- 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.

Linkdine Job Scrapping - n8n,Python, BeautifulSoup, Selenium

2025

- Built an automated workflow in n8n to scrape job listings from LinkedIn, extracting job titles, companies, locations, experience levels, and posted dates.
- Automated data cleaning and transformation, storing results in Google Sheets for further analysis.

AI-powered Interview Assistant - AutoGen

2025

- Designed an Interviewer Agent to generate dynamic technical, behavioural, and situational questions. Built a Candidate Agent capable of producing realistic, role-specific responses.
- Implemented an Evaluator Agent to score answers and provide automated feedback.
- Integrated agents to simulate a realistic interview environment for job seekers and HR teams.

Skills

Soft Skills: Statical analysis, Problem Solving,Critical Thinking

Programming Languages: Python, R, My Sql, Postgres sql,Sqlite

Tools:N8n,Microsoft Excel

Frameworks: Rasa, Dialogflow, Langchain, Gradio, Flask

Artificial Intelligence: Machine Learning, Deep Learning, Image Processing, Gen AI , NLP, LLM, Crew AI, SDK, Langraph, AutoGen, RAG

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