CONTACT

Phone:
+91 7012464811

Email:
shamalmusthafa59@gmail.com

Location:
India

LinkedIn:
linkedin.com/in/shamalmusthafa

Portfolio:
shamal119.github.io/portfolio

TECHNICAL SKILLS

Cloud & AI Tools:
Azure AI, OpenAI, GCP, Dialogflow CX, Gemini, Vertex AI

AI & Machine Learning:
Generative AI, LLMs, NLP, RAG, LangChain, TensorFlow

BI & Visualization:
Alteryx, Power BI, Tableau, Matplotlib, Plotly

Programming:
Python, FastAPI, SQL, JavaScript, ReactJS

Data Tools:
Pandas, NumPy, FAISS, Scikit-Learn

PROJECTS

RAG Chatbot Assistant
Developed a context-aware chatbot using RAG with OpenAI & Gemini for accurate, source-based answers.

AI Financial Advisor
Created a platform for financial insights and AI-driven recommendations with Plotly visualizations.

Call Center Analytics Dashboard
Built a Power BI dashboard with data prepared in Alteryx to identify call drivers and sentiment trends.

Real-Time Stock Market Analysis
Developed a dashboard with ML-based forecasting using TensorFlow and LSTMs.

EDUCATION

M.S. in Data Science (2021-2023)
CHRIST (Deemed to be University)

Bachelor of Computer Applications (2017-2020)
Kannur University

CERTIFICATIONS

Alteryx Designer Core Certified

Alteryx Foundational Micro-Credential

Modern Natural Language Processing (NLP) using Deep Learning (Udemy)

Fundamental AI Concepts (Microsoft)

SHAMAL MUSTHAFA
Data Scientist | Generative AI & Business Intelligence

PROFESSIONAL SUMMARY

A Data Scientist with over two years of experience delivering end-to-end data solutions. My core competencies include automating complex data workflows with **Alteryx**, developing advanced Generative AI and LLM applications using **Python**, and translating data into actionable insights through dynamic visualizations in **Tableau** and **Power BI**. I leverage this diverse skill set across various projects to solve complex business challenges and drive data-driven decision-making.

WORK EXPERIENCE

Data Scientist
Truwave Software LLC, Madurai | Aug 2023 - Present

- Led the end-to-end development of enterprise AI solutions using **Azure AI** and **OpenAI**, enhancing customer service capabilities.
- Engineered and automated complex data preparation workflows with **Alteryx**, reducing data processing time by over 30%.
- Developed interactive dashboards in **Power BI** and **Tableau** to monitor business KPIs and deliver critical insights to stakeholders.
- Built and deployed enterprise chatbots using **Dialogflow CX**, integrating **Gemini** and **OpenAI** models to improve conversational intelligence.
- Implemented **RAG**-based solutions with **Azure OpenAI**, increasing chatbot response accuracy by 40% by leveraging internal documentation.
- Designed and developed scalable RESTful APIs and custom middleware using **FastAPI** to efficiently manage high-volume chatbot conversations.
- Created an intelligent search system using **Azure OpenAI** for highly accurate, context-aware information retrieval from enterprise data.
- Provided development support to the frontend team on various **ReactJS** projects.

Data Analyst Intern
Truwave Software LLC, Madurai | Jan 2023 - Apr 2023

- Utilized **Alteryx** for efficient data cleansing, transformation, and analysis of customer call data, improving data quality for reporting.
- Built insightful dashboards in **Power BI** from processed call data to identify key performance trends and customer satisfaction metrics.
- Analyzed customer call transcripts using **OpenAI Whisper** and NLP techniques to extract actionable business insights.