



MUHAMMED FAYIZ

AI AUTOMATION ENGINEER & ARCHITECT
FULL-STACK DEVELOPER
DATA ENGINEER



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Muhammed Fayiz



LinkedIn Profile



Bahrain

TECHNICAL SKILLS

AI & Automation

Advanced N8N and RAG Operations, TTS-STT Tools, Adv LLM handling and API Integrations, Error Handling and Self-Hosting Expert, Cost & Token Optimization, HITL Workflows, etc...

Mobile & Web

FlutterFlow, Dart, Firebase, React JS, Django, Django REST Framework, etc...

Data Engineering

ELK Stack (Elasticsearch, Logstash, Kibana), Prometheus, Grafana, Kafka, Docker, Kubernetes

Backend & Database

Python, PostgreSQL, MySQL, MongoDB, Nginx, AWS, FireBase, SupaBase

Design & Tools

Figma, Adobe Photoshop, Git, GitHub, GitLab

Payment Integration

PayPal, Razorpay, Twilio

EDUCATION

BROCAMP CODING INTERNSHIP

Brototype, Kerala, India

HIGHER SECONDARY EDUCATION

Computer Commerce
Kerala Board of Higher Secondary Education

PROFESSIONAL SUMMARY

Results-driven Full-Stack Developer and AI Automation Engineer with 4+ years of experience building scalable mobile/web applications and AI-based innovative solutions. Specialized in FlutterFlow, Firebase, and AI workflow automation with proven ability to independently deliver end-to-end Self-architected solutions from concept to deployment. Strong expertise in data engineering, modern development tools, and creating innovative AI-powered automation workflows.

PROFESSIONAL EXPERIENCE

AI Architect/Engineer & Full-Stack Developer *Aug 2024 - Present*

Codecraft Innovations W.L.L

- Specialized in end-to-end mobile application development encompassing front-end, back-end, and UI/UX design.
- Independently designed and built complete applications using FlutterFlow, Dart, and Firebase
- Created innovative AI workflows using N8N integrated with third-party services including Twilio, Several LLM models, TTS-STT Tools, etc...
- Developed responsive, user-friendly interfaces leveraging Figma for design prototyping

Data Engineer *Feb 2022 - Jul 2024*

BT Group plc(Freston Analytics - Client)

- Designed and developed robust data pipelines utilizing ELK stack, Docker, Kafka, Shell scripting, Prometheus, Grafana, Filebeat, and Metricbeat
- Collaborated on critical data engineering projects ensuring optimal data reliability and performance
- Designed comprehensive dashboards for effective visualization and analysis of key metrics
- Gained hands-on experience with Kubernetes for container orchestration and deployment

ACHIEVEMENTS

Top Contributor - 2025

CodeCraft Innovations W.L.L

Top Contributor - 2022

BT Client Project - Freston Analytics

DATA ENG. - PROJECTS

TraderVoice (BT)

•Prometheus •Metricbeat •ELK

GMV (Global Managed Voice)

•ELK •KAFKA •DOCKER

OrVEL CRE (Call Routing Engine)

Galaxy CLS

(Centralized Logging Solution)

EDUCATIONAL PROJECT

E-Commerce Platform

Django • React JS • PostgreSQL • AWS

- Developed full-featured e-commerce application with user authentication, product catalog, and shopping cart functionality
- Integrated payment gateways including PayPal and Twilio for secure

PERSONAL INFORMATION

- Full Name: **Muhammed Fayiz N C**
- Date of Birth: **1st of June 2002**
- Gender: **Male**
- Marital Status: **Single**
- Nationality: **Indian**
- Experience: **4+ Years**

LANGUAGES

English Professional	Malayalam Native
Tamil Professional	Hindi Elementary
Arabic	

HOBBIES

Chess	Swimming
Reading	Games

Senior Data Engineer

Feb 2022 - Jul 2024

Freston Analytics, Calicut - India

- Worked on the D-tailer project involving data extraction from biometric attendance machines, ETL processes, and comprehensive data visualization
- Served as team lead for the administrator division, coordinating project deliverables and team workflow
- Conducted educational workshops for college students on modern data

KEY PROJECTS IN CURRENT STACK

AI Voice Call Agent Receptionist With Customised Dashboard

N8N • JavaScript • ElevenLabs • Google APIs

- Built intelligent voice assistant workflow automating appointment scheduling and customer inquiries
- Integrated natural language processing with voice synthesis for human-like interactions
- Streamlined customer service operations, reducing manual call handling, and showed the live call records and analysis on the custom-built dashboard

Automated AI Content Sync & Dynamic Static-Site Engine

N8N • Meta API • Gemma 4 26B A4B IT • Headless CMS Architecture

- Engineered a real-time workflow using n8n to sync Instagram posts to a static website, eliminating manual data entry and reducing time-to-market by 95%.
- Integrated Gemma-4 to analyze images and captions, auto-generating structured, SEO-friendly product metadata and categories.
- Designed a "pseudo-dynamic" system using Google Sheets as a database to trigger instant site rebuilds upon new social media activity.

Automated Ads & Video Generator

N8N • WhatsApp • GPT 4o • ElevenLabs TTS • Twilio • FFmpeg • JavaScript

- Automated end-to-end advertisement video creation pipeline from concept to distribution
- Integrated AI-powered content generation with professional video rendering and multi-channel distribution
- Reduced video production time by 90% through intelligent automation workflows

Appointment Management System

FlutterFlow • Firebase • Multi-role Architecture

Created a multi-provider booking platform with category-based service organisation, also developed customer booking interface, and provider schedule management, and a comprehensive admin oversight module

Trip Accountant Mobile App

FlutterFlow • Dart • Firebase

Developed a comprehensive mobile application for vehicle owners to manage and track financial transactions. Implemented a multi-account management system with detailed reporting and analytics features. Built complete solution from concept to deployment.