

Dadul Rishan Maliyekkel Meethel

E: dadulrishan@gmail.com | M: +44 7901803603 | L: [LinkedIn](#) | G: [Github](#) | P: [Portfolio](#) | A: London, UK

SUMMARY

Having recently graduated with a **MSc in Computer Science**, and **2+ years** of experience building AI SaaS platforms, fine-tuning LLMs, and designing scalable deployment workflows, with strong expertise in full-stack development, system optimization, and automation. I am actively seeking opportunities as an **AI Engineer**. **I have the right to work in the UK.**

EDUCATION

MSc in Computer Science, Distinction | Birmingham City University | 2024 – 2025

- **Modules:** Artificial Intelligence, Software Development, Database Systems
- **Dissertation:** AI-Enhanced Emotion Insights for Billboard Advertising Success (Distinction)

BSc in Computer Science, 1st | Calicut University | 2019 – 2022

- **Modules:** Data Structures and Algorithms, Web Technologies, Software Engineering

WORK EXPERIENCE

AI Software Engineer | Mashtree Pvt Ltd | January 2024 – Present | Remote.

- **Built** an AI SaaS website builder to automate full-stack app creation, integrating GPTs & Claude for code generation, reducing manual dev effort by **35%** and enabling **100+ real-time scalable previews**.
- **Automated** deployment workflows with **N8N** and Docker, streamlining CI/CD pipelines to reduce manual configuration, boost release reliability, and improve delivery speed by **40%** across projects.
- **Designed** backend pipelines with tRPC & Prisma, reducing **latency 25%** and boosting response times.
- **Enhanced** LLM prompts, improving response accuracy **18%** and consistency across live applications.
- **Built** AI orchestration flows for multi-agent systems, cutting inference runtime **by 20%**.

Software Service Engineer | Real Information Technology Solutions | June 2023 – December 2024 | Dubai, UAE.

- **Resolved** enterprise-wide issues across 50+ clients, reducing downtime 30% by implementing crash-prevention fixes and improving backend reliability with advanced debugging tools.
- **Automated** repetitive support tasks with Python scripts, reducing manual workload and cutting resolution **time 40%**.
- **Performed** backend root-cause analysis, identifying failure patterns and improving overall system **uptime 20%**.

PROJECTS

AI-Powered SaaS Website Builder

- **Built** AI web app generator with Dockerized microservices & tRPC, delivering 100+ previews and cutting build time **40%** via automated code generation using OpenAI & Anthropic APIs.
- **Integrated** automated PRs with CodeRabbit & N8N workflows, reducing manual reviews 35% and ensuring scalable deployment with **99% uptime** across production workloads.

AI-Enhanced Emotion Recognition System

- **Trained** VGG16 on FER-2013 with preprocessing, improving detection accuracy 15% and deploying via Flask API & cloud storage, **serving 1,000+ predictions** for ad insights.
- **Built** scalable web pipeline handling 500+ concurrent requests, delivering robust performance and enabling advertisers to boost **ROI by 10%** via interactive dashboards.

LANGUAGES, SKILLS AND CERTIFICATES

- **Communication:** English (Advanced proficiency), Malayalam (Native), Arabic (Intermediate)
- **Programming Languages:** Python, Java, TypeScript, SQL, React 19, Next.js 15, Django, Flask, FastAPI, tRPC, Prisma.
- **AI & Infrastructure:** TensorFlow, PyTorch, LLMs, OpenAI API, Anthropic, LangChain, AutoGen, LangGraph, PydanticAI, Docker, N8N, Git, CI/CD.
- **Data & Cloud:** PostgreSQL, MySQL, MongoDB, Neon, GCP, Cloud Storage, API Integration, Scalable Web Architecture.
- **Certifications:** Google Cloud Data Analytics (2028), Power BI – PwC (2025), Full Stack Python Developer – QIS (2023)