MOHAMMAD FAZLAN

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Personal Statement

I'm a highly motivated and detail-oriented AI Automation Engineer with over 3 years of experience in the industry who takes pride in possessing a proven track record of delivering high quality work in customer centric Environments. Having served clients from diverse regions, I consider myself an empathetic, self-motivated, and strategic thinking IT professional. My experience working with cutting-edge AI, ML, and automation tools has equipped me to deliver scalable, production-grade workflow systems that transform manual processes into intelligent, data-driven solutions.

Professional Experience

Full Stack AI Engineer (April 2025 - Present)
Vector2Transform Pte Ltd – Leadenhall St, London

- Developed and deployed automation workflows using no-code/low-code platforms like n8n, Power Automate, Zapier, and Make, to facilitate job posting, candidate communication, and interview scheduling, effectively reducing manual intervention in recruitment processes and improving overall efficiency.
- Optimized email communication workflows by automating notifications and alerts for recruitment updates, interview scheduling, and finance reporting using Power Automate and Zapier, keeping teams informed and reducing administrative burden.
- Streamlined monthly finance invoicing by automating the consolidation and sending of 250+ employee invoices to clients using Power Automate and Zapier, merging individual invoices into a single document and sending them at the end of the month, saving significant time for the finance team.
- Automated candidate assignment workflows, ensuring that recruiters were assigned specific roles based on dynamic business needs without manual intervention. Integrated systems to allow seamless job search assignments for recruitment teams.
- Integrated third-party APIs such as OpenAI API, Google Cloud AI, and LangChain into internal tools to automate document parsing and data extraction for CVs and invoices, improving accuracy and processing speed.
- Created and maintained lightweight web interfaces and dashboards to make tools accessible to non-technical teams, allowing recruitment and finance teams to easily interact with automated systems and track progress without technical expertise.
- Designed and implemented a SaaS-based AI-powered web application for Carbon Footprint Calculation and Supply Chain Emissions Optimization, reducing operational inefficiencies and enhancing sustainability compliance for clients in the Northern US market.
- Accelerated feature development using AI-powered tools for rapid prototyping, including ChatGPT, Cursor AI, and GitHub Copilot, and at times coding on Replit.
- Worked with world-class professionals from IIT Madras and Nvidia on various cutting-edge AI and machine learning projects, leveraging their expertise to drive innovation in sustainability and SaaS applications.

Data Scientist (April 2023 - April 2025)
Acumen Intelligence - Pertain Road, Singapore

- Developed and deployed automation workflows including a Shopify enrichment tool (Shopify API + scraping), Zapier-based lead sync system, and an n8n-powered enrichment workflow integrating Apollo, LinkedIn, Google Sheets, and OpenAI for intelligent lead management.
- Implemented automation pipelines integrating APIs and AI models, optimizing task execution and workflow reliability across platforms
- Utilized FastAPI to build robust RESTful APIs, ensuring seamless model integration with front-end services.
- Configured and deployed applications using AWS Lambda, API Gateway, S3, CloudFront, and Amplify integrated with DynamoDB and Cognito for robust IAM.
- Engineered and deployed multiple multifunctional web dashboards using the Flask framework, integrating secure Google Sign-In authentication for enterprise clients such as AWS, Oracle, and Adobe, enabling seamless access control and user management.

- Partnered directly with clients to capture requirements, translate business objectives into technical solutions, and deliver tailor-made automation and analytics systems aligned with strategic goals.
- Designed and developed a unified automation platform to manage lead generation, email campaigning, and tele-verification workflows featuring role-based dashboards, real-time Slack notifications, and consolidated progress tracking for multi-team coordination.
- Designed and implemented a full-scale AI-powered chatbot solution for the Lead Generation Domain using a fully functional Retrieval-Augmented Generation (RAG) system using advanced RAG techniques.
- Utilized GitHub Actions to build and maintain robust CI/CD pipelines, automating testing and deployment processes to ensure rapid, reliable code integration and continuous delivery.

Data Science - Intern (March 2022 - March 2023)
Cloud99x Technologies Pvt Ltd – Colombo, Sri Lanka

Skill Highlights

- Python programming – Flask, FastAPI, Django
- Agentic AI and RAG Frameworks (Langchain, Llama-Index, LangGraph)
- API Integrations: Shopify API, Apollo API, Google Workspace APIs, WhatsApp APIs, Slack API, OpenAI APIs (GPT-4o, Vision, Whisper), Anthropic, Gemini, DeepSeek, Groq
- DevOps and CI/CD: AWS (Lambda, API Gateway, S3, CloudFront, Amplify, DynamoDB, Cognito), Docker, GitHub CI/CD
- Databases: MySQL, PostgreSQL, MongoDB, DynamoDB
- MLOps & Cloud Platforms: AWS SageMaker, Azure ML
- Automation & Workflow Tools: Zapier, n8n, Power Automate, Airflow, Selenium, BeautifulSoup, Scrapy, Playwright

Certification & Memberships

- **AI-900: Microsoft Azure AI Fundamentals**
- **DP-900: Microsoft Azure Data Fundamentals**
- **IBM - Generative AI for Data Scientists Specialization**
- **DeepLearning.AI - Generative AI with Large Language Models**
- **University of London – Machine Learning**

Education

- **BSc (Hons) in Artificial Intelligence and Data Science**
  Robert Gordon University, UK

- **Specialization in Generative AI, Advanced LLMs, and Multimodal Systems**
  IIT Madras, India

- **Foundation Certificate in Higher Education – Distinction**
  IIT Colombo, Sri Lanka

Non-Related Referees

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