

Lawrence Omolo

Location: Sudbury, United Kingdom or Göteborg Sverige

www.lawrenceomolo.com

Personal Profile

AI-Augmented Full-Stack Developer | AI System Architect | Automation Specialist

AI-Augmented Full-Stack Developer with expertise in AI automation, scalable SaaS, and AI-driven workflows. Experienced in Python, React, Flask, Django, PostgreSQL, and Next.js, developing high-performance automation solutions for e-commerce, business optimization, and AI-driven systems.

Key Expertise:

- AI-Augmented Development & Automation (LangChain, OpenAI, Microsoft Autogen)
- Scalable SaaS & Web Applications (Flask, Django, React, Next.js, PostgreSQL, FastAPI)
- AI-Driven Content & Workflow Automation (AI-powered workflows, automation tools)
- E-commerce & Business Scaling (Automated Etsy & Amazon FBA workflows, AI Optimisation)

Education and IT Training

04/2024 - 07/2024 | Just IT Training Ltd, London

Digital Skills Bootcamp: Software Development

Focused on web and software development essentials: HTML, CSS, JavaScript, Python, and SQL.

09/2009 – 06/2012 | University of West of England

BEng Aerospace Manufacturing Engineering (Second Class)

Core Modules: Advanced Mathematics, Engineering Principles, CAD, Project Management.

09/2005 – 06/2008 | Kingston College

BTEC Aerospace Engineering - Distinction, Distinction, and Merit

09/2002 – 06/2005 | Thomas More High School

GCSEs: 8 A-C grades, including Maths (A) and English (B)

IT Skills

AI & Automation:

- AI-Assisted Development (GitHub Copilot, ChatGPT, AI Workflow Automation)
- AI APIs & System Integration (OpenAI, LangChain, Microsoft Autogen)
- AI-Powered Data Insights & Content Optimisation

Software Development & Architecture:

- Full-Stack Development (Python, Flask, Django, React, Next.js, Tailwind CSS)
- Backend & Database (PostgreSQL, MySQL, Redis, FastAPI, REST APIs)
- Cloud & DevOps (AWS, Railway, Render, Docker, CI/CD Pipelines)
- Scalable Web Apps & SaaS Development (AI-Driven Workflows, API Integrations)

E-commerce & Digital Business Scaling:

- Etsy & Amazon FBA Automation (Full-Stack Web Solutions for E-commerce Optimisation)
- AI-Driven SEO & Digital Growth Strategies
- AI-Augmented Monetization for Online Business

Projects

AI-Powered Writing Workflow Manager

- Tech Stack: Python, Microsoft Autogen, AI API Integration, Django, React, PostgreSQL
- Overview: Built an AI-powered structured content creation platform where AI assists in multi-step workflow automation, research, and content generation.
- Impact: Increase content production speed by 50%, reduced editing time by 35%, and improve SEO rankings significantly.

Recipe Card Generator (SaaS Web App)

- Tech Stack: Python, Flask, React, PostgreSQL, AI APIs
- Overview: Developed a customizable recipe card generator allowing users to design, edit, and download high-resolution, print-ready recipe cards with AI-assisted personalization features.
- Impact: Enable thousands of users to generate custom designs, improving user engagement and expanding the platform's reach.

Property Management Hub

- Tech Stack: Python, Django, Next.js, Tailwind CSS, PostgreSQL
- Overview: A full-stack property management solution that streamlines booking, property listings, and tenant interactions through an intelligent, automated backend.

- Impact: Reduce manual property management tasks by 40% through automation and smart workflows.

Automated Etsy & Amazon FBA Systems

- Tech Stack: Python, Flask, Django, Next.js, PostgreSQL, AI API Integrations
- Overview: Built a customized full-stack automation system for Etsy and Amazon FBA businesses, optimizing inventory tracking, pricing adjustments, product listing automation, and data analytics.
- Impact: Increase operational efficiency by 60%, reduce manual workload, and improve marketplace performance through automated insights.

Employment History

L.O.J Enterprise | Founder & Managing Director (2019 – Present)

- Tech & Automation Leadership: Developed and maintained e-commerce platforms, integrating AI automation, workflow optimisation, and business intelligence tools.
- Digital Growth & AI-Driven Strategy: Scaled a flagship cookware brand & online marketplace with SEO, SEM, PPC, leading to 30% increase in online engagement & sales.
- Software & Process Automation: Implemented custom business automation tools to streamline operations, supplier management, and customer engagement.

Financial Times | Account Director & Senior Account Manager (2015 – 2021)

- Product & Data-Driven Strategy: Acted as a product stakeholder, working closely with tech & product teams to shape development needs.
- AI-Enhanced Business Decisions: Used data analytics & automation to improve customer insights, retention (+20%) & portfolio sustainable revenue of (£4.3M+).
- Digital Transformation Leadership: Helped optimise customer engagement & service strategies, contributing to successful digital product expansion.

Pitney Bowes | Senior New Business Client Manager (2014 – 2015)

- Automated Sales Analytics & Forecasting: Integrated data-driven insights to enhance client acquisition, leading to 130% sales increase.
- Enterprise SaaS & Client Growth: Designed tailored tech-enabled solutions to improve business performance & retention.

Early Career (2012 – 2014) – Summary (SEC Recruitment, Modis International)

- Technical & Engineering Recruitment: Specialized in tech hiring & software development lifecycle roles, improving talent acquisition efficiency & quality.
- Process Automation & Optimisation: Implemented automated workflows & analytics to reduce hiring times & increase candidate success rates.

Interests and Achievement

Computing:

- Developing web and e-commerce applications using modern web technologies and AI integrations for operational efficiency.

Hobbies:

- Avid bass guitarist in a local band and participant in community volunteer initiatives.
- Enjoys outdoor activities like cycling and hiking to maintain a healthy work-life balance.

Additional Information:

- Engaged in ongoing professional development through memberships in tech organizations and participation in community tech events.