

Oluwapelumi Olaawo – Resume

Contact Information

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Professional Summary

Senior AI and Software Automation Engineer with 9+ years of experience designing intelligent automation systems, building AI-driven agents, and architecting scalable software platforms. Proven leadership in delivering innovative, viable, and scalable technology solutions—aligned with UK Innovator Founder Visa requirements. Experienced in full lifecycle development, large-language-model integration, workflow automation, and data-driven systems.

Core Skills

- AI Automation & Agent Frameworks
- Large Language Models (LLMs)
- System Architecture & Microservices
- Go, Node.js, Python, MERN Stack
- RabbitMQ, Doctrine (PHP)
- Web3, Smart Contracts
- Data Engineering & Proxy Automation
- DevOps (AWS, Terraform, CI/CD)
- Leadership & Mentorship

Professional Experience

Senior AI and Software Automation Engineer – AgentOps

X-Plore MultiDynamics (Nov 2022 – Present)

- Designing and deploying intelligent automation systems that improve organisational efficiency.
- Building advanced AI-driven agents and integrating LLM features into business workflows.
- Developing automation pipelines that eliminate repetitive tasks and increase accuracy.
- Leading architecture design, backend development, API orchestration, and production

deployment.

- Creating workflow engines, monitoring frameworks, and real-time observability systems.
- Collaborating across teams to identify opportunities for NLP, ML, and rule-based automation.
- Mentoring engineers, improving agent decision systems, and optimizing workloads for scalability and security.

Senior Developer – X-Plore MultiDynamics (2016 – 2022)

- Developed major web applications including gpwidget.com and enterprise platforms.
- Built sports outcome prediction and automation systems across multiple sports.
- Implemented automated betting rules, data sourcing engines, and no-code data export pipelines.
- Created dynamic proxy servers for data scraping and automation workflows.
- Conducted multi-year bootcamps producing successful developers in the industry.

Senior Full-Stack Developer – BettingBots (2021 – 2022)

- Led development of a high-volume sports-betting automation platform (>5M wagers monthly).
- Built microservices using React, Node.js, Go, and Python with <200 ms latency.
- Designed real-time odds aggregation and ML-driven pricing engines.
- Integrated crypto wallets and Solidity smart contracts for secure on-chain operations.
- Designed CI/CD pipelines (GitHub Actions, Terraform, AWS) achieving 99.9% uptime.
- Mentored distributed engineering teams and improved production code quality by 40%.

Software Developer – Fiverr (2014 – 2018)

- Delivered Node.js and React systems including authentication bridges and communication apps.
- Built gaming escrow, project management, medical chat, and e-voting systems.
- Delivered multiple commercial full-stack platforms for clients worldwide.

Education

B.Sc in Mathematics – Obafemi Awolowo University (2014 – 2018)