

TO

Tayo Opeyemi

LEAD SYSTEMS ARCHITECT

opeyemitecharchitect@gmail.com · +447553806076 · London, UK · [www.linkedin.com/in/ tayo-opeyemi](https://www.linkedin.com/in/tayo-opeyemi)

SUMMARY

Full Stack Systems Architect specializing in AI driven SaaS, Microservices, and intelligent automation. I bridge elite UI/UX with bulletproof backend architecture and AI/ML integration. I partner with funded founders to build scalable, resilient systems on a paid, milestone based contract basis.

EXPERIENCE

Lead Systems Architect — Independent Consultant

Remote / Global

Jan 2020 – Present

Architected and deployed AI driven SaaS platforms for funded startups, reducing backend latency by 40%.

Integrated AI/ML models and automated workflows into legacy systems, reducing manual operational overhead by 30%.

Designed microservices architectures that scaled to 100,000+ active users without downtime.

Bridged elite UI/UX design with bulletproof backend systems, resulting in a 25% increase in user retention.

Managed the full software development lifecycle, from technical scoping to milestone based delivery.

EDUCATION

BSc Computer Science — Cranfield University

London

2014 – 2017

Graduated with Honors. Relevant coursework: Distributed Systems, Machine Learning, Cloud Architecture.

SKILLS

AI/ML AI Automation Intelligent Workflows LLM Integration AI SaaS Microservices
System Architecture Cloud Computing (AWS/GCP) Docker Kubernetes Node.js Python
TypeScript API Design UI/UX Integration.

LANGUAGES

English (Native/Fluent).

PROJECTS

AI Powered Fintech Dashboard tayo-architect-portfolio.vercel.app/

Built a real time analytics platform using microservices and AI models to automate risk assessment. Reduced data processing time by 40% for early stage investors.

Intelligent Workflow Automation Platform tayo-architect-portfolio.vercel.app/

Architected a scalable backend using Python and Node.js that integrated AI/ML models to automate data routing. Eliminated 30% of manual operational overhead for enterprise clients.

Scalable ECommerce Backend tayo-architect-portfolio.vercel.app/

Designed a resilient, high traffic backend capable of handling 100,000+ concurrent users. Implemented Docker and Kubernetes for seamless scaling during peak traffic periods.

CERTIFICATIONS

- AWS Certified Solutions Architect
- Certified Kubernetes Administrator (CKA)
- AWS Certified Machine Learning Specialty

INTERESTS

Open Source Development · AI Research · Tech Blogging · Football

REFERENCES

<https://tayo-architect-portfolio.vercel.app/>