

Kenneth Nwanganga

Solution Architect | Enterprise Architect | Development Lead
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PROFILE SUMMARY

I am a technology leader and Microsoft Azure Solutions Architect Expert with over a decade of experience, specializing in enterprise-scale digital transformation. As a TOGAF®-certified Enterprise Architect, I bridge the gap between business strategy and technical execution, designing and governing cloud-native, microservices-based solutions on the Azure platform. Proven success in reducing costs, improving resilience, and generating revenue across financial services, transport, and logistics. Adept at leading full lifecycle development and mentoring teams with deep hands-on proficiency in .NET and the Azure ecosystem.

KEY QUALIFICATIONS

- TOGAF®-certified professional with expertise in applying the Architecture Development Method (ADM) to design, govern, and evolve technology landscapes that directly support strategic business objectives and digital transformation initiatives.
- Microsoft Azure Solutions Architect Expert certified, with proven ability to translate business requirements into secure, scalable, and reliable cloud solutions, leveraging the full Azure portfolio to drive technical and business outcomes.
- Proven track record in architecting and leading the development of cloud-first, microservices-based solutions utilizing Azure Kubernetes Service (AKS), .NET 7, and CI/CD pipelines to build scalable, resilient, and maintainable systems.
- Seasoned leader adept at owning technical delivery, mentoring and growing high-performing development teams, establishing coding standards, and improving team velocity by over 30% through effective coaching and process improvement.
- Demonstrated ability to significantly reduce IT infrastructure costs (up to 30%) through strategic cloud architecture, load balancing, auto-scaling, and budget management, directly contributing to improved profitability.
- Expertise in leading the full software lifecycle from conception to deployment, including legacy system modernization, API strategy, cross-functional system integration, and launching new technology-driven business verticals that generate revenue.
- Recognised as an exceptional talent in UK tech industry earning the UK Global Talent Visa.

SKILLS HIGHLIGHTS

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| Enterprise Architecture | API Integration | Technical Leadership |
| Solution Architecture | Cloud Migration | Team Mentoring |
| Microservices | System Design | Code Review |
| Azure Kubernetes (AKS) | Architecture Governance | Strategic Planning |
| Azure DevOps | SQL Server | Financial Technology (FinTech) |
| Payment Gateways | Entity Framework | Microsoft Entra ID |
| RESTful APIs | Agile Methodology | Root Cause Analysis |

PROFESSIONAL EXPERIENCE

- Enterprise Solutions Architect (Contract)
GIG Logistics, UK

Jul 2025 – Present
- Designed and implemented an enterprise architecture framework aligning technology with business strategy, enabling GIGL’s digital transformation roadmap.
 - Architected and deployed a predictive analytics engine on Azure Machine Learning that forecasts regional shipment volumes, enabling proactive resource allocation and reducing last-mile delivery delays by 18%.
 - Designed an AI-driven dynamic routing system using Azure Maps and Azure Cognitive Services to optimize delivery routes in real-time based on traffic, weather, and priority, decreasing fuel consumption and travel time by 22%.
 - Migrated core logistics platforms to a scalable cloud-based microservices architecture, improving system uptime and reducing operational costs by 25%.
 - Architected an omni-channel customer engagement platform (web, mobile, WhatsApp/SMS), enhancing shipment visibility and boosting customer satisfaction scores.
 - Established an enterprise integration strategy (API gateway, messaging queues) to unify payment, tracking, and warehouse management systems, reducing manual reconciliation by 40%.
 - Collaborated with business leaders to design digital solutions for cross-border logistics, accelerating international shipment processing and revenue growth.

Senior Developer – Product Delivery

Jun 2023 – Jul 2025

InVentry Ltd, Leeds, UK

- Architected and maintained scalable backend services using .NET Core and SQL Server, ensuring robustness, security, and high maintainability.
- Led a microservices-based cloud deployment on Azure, containerized with Docker, orchestrated via Kubernetes.
- Led the end-to-end architectural design and redevelopment of the company's flagship cloud-based sign-in and visitor management platform.
- Spearheaded the adoption of a modern microservices architecture utilizing .NET 7 and Azure Kubernetes Service to enhance scalability and deployment efficiency.
- Managed the complete migration from legacy SOAP APIs to a modern RESTful API framework, ensuring adherence to SOLID principles and improving long-term maintainability.
- Mentored and coached junior development staff on best practices, coding standards, and complex problem-solving techniques.
- Designed and developed a proprietary system restoration utility to facilitate the seamless transfer of application and database assets between on-premises systems.
- Owned the technical delivery for critical product features, from conception and design through to deployment and operational support.
- Improved overall team velocity by thirty percent through dedicated mentoring and the establishment of robust coding standards and development best practices.

Chief Technology Officer

Nov 2021 – Jun 2023

GIG Mobility Limited, Lagos, Nigeria

- Directed the company's overall technology strategy and execution, overseeing all software development and IT infrastructure initiatives.
- Architected and led the development of a comprehensive ERP system to optimize and manage all transport and logistics operations.
- Designed and launched new technology-driven business verticals, including a VIP vehicle hire application and an internal wallet-based payment ecosystem.
- Optimized cloud architecture and solution designs to maximize performance and minimize operational expenditure.
- Established the architectural vision for all payment processing systems, including automated bank transfers utilizing webhooks notifications.
- Positioned GIGM as a technology leader in the transport sector, with the architected ERP system directly supporting an annual revenue exceeding three billion Naira.
- Reduced total cost of IT ownership by thirty percent through strategic cloud optimization and cost-effective architectural solutions.

Enterprise Architect

Feb 2016 – Nov 2021

GIG Mobility Limited, Lagos, Nigeria

- Defined and governed the enterprise architecture framework, ensuring alignment between technology solutions and business goals.
- Architected and integrated multiple payment modules and third-party gateways into the company's applications to enhance customer convenience.
- Conducted in-depth root cause analysis for critical system issues and performed rigorous code reviews to ensure high-quality standards.
- Designed and implemented a data analytics platform to provide business intelligence and support data-driven decision-making.
- Led the technical deployment and integration for the company's expansion into new geographic markets.
- Achieved a twenty-five percent reduction in Azure cloud infrastructure costs through the strategic implementation of load balancers, auto-scaling, and Elasticsearch.
- Drove successful market entry into Ghana, generating an additional five percent in revenue, and architected the Google Maps-based Pickup service that reduced operating costs.

Senior Front-End Developer

Jan 2013 – Feb 2016

Wakanow.com, Lagos, Nigeria

- Led the front-end redevelopment and redesign of the company's main website to improve user experience and modernize the technology stack.
- Developed dynamic and responsive user interfaces for travel package portals and corporate client modules.
- Engineered the integration between the front-end presentation layer and backend Global Distribution Systems for real-time booking and ticketing functionality.
- Successfully delivered a fully redesigned, customer-facing website that enhanced usability and visual appeal, contributing to improved customer engagement.

- Ensured high reliability and data consistency by architecting and implementing critical integrations between the web application and external GDS engines.

EDUCATION & CERTIFICATIONS

- **TOGAF Enterprise Architecture Foundation** | *The Open Group*
- **TOGAF Enterprise Architecture Practitioner** | *The Open Group*
- **Microsoft Certified: Azure Solutions Architect Expert** | *Microsoft*
- **Microsoft Certified: Azure Administrator Associate** | *Microsoft*
- **Master's in software engineering (Distinction)** | *University of Bolton | 2022 - 2023*
- **BSc in Computing (First-Class)** | *University of Greenwich | 2011 - 2012*
- **Advanced Diploma in Software Engineering (Distinction)** | *APTECH | 2008 – 2010*

TECHNICAL SKILLS

- **Cloud & DevOps:** Azure (AKS, DevOps, Entra ID), AWS, CI/CD Pipelines, Docker, Kubernetes, Infrastructure as Code, Load Balancers, Auto-scaling
- **Architecture & Design:** TOGAF, Architecture Governance, Microservices, RESTful APIs, SOAP, Event-Driven Architecture, System Integration, SOLID Principles
- **Backend Development:** .NET 7, .NET Core, C#, VB.Net, Python, Entity Framework, Web Services, Swagger
- **Frontend Development:** React, HTML, CSS, JavaScript, jQuery, Bootstrap
- **Data Management:** SQL Server, MongoDB, Elasticsearch, Data Analytics
- **Finance-tech & Payments:** Payment Gateway Integration (Paystack, Flutterwave), USSD, Bank Transfer Automation, Wallet Systems, Secure & Compliant Solutions
- **Leadership & Methodology:** Agile/Scrum, Technical Delivery Ownership, Team Mentoring & Growth, Coding Standards, Root Cause Analysis, Strategic Planning