

AKINNURUN OLUWAFEMI SAMUEL

Eligible to work in the UK - No sponsorship required - Global Talent Visa holder/work permit holder

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An expert Software Developer with a passion for developing innovative products to expedite the efficiency and effectiveness of organizational success. With over 7 years of experience in designing and developing scalable products for FinTech, Logitech, and wellness industries across Nigeria and USA. My expertise lies in researching, building, and managing digital technology products from concepts to launch, including ideation, product lifecycle management, technology modernization, digital transformation, digital strategy development, and technology augmentation. A confident communicator on all levels and with experience in managing and supporting complex projects, strategic thinker, and innovative creator to develop software that is customized to meet a company's organizational needs, highlight its core competencies, and contribute to its success.

Key Skills

- Product Innovation
- Product Development
- Product Lifecycle Management
- Project Management
- Digital Transformation
- Research and Development
- Information security
- Cloud Computing
- Programming
- Prototyping
- Systems design
- Systems Integration
- User focus
- Problem Solver
- Client Relations
- Agile Methodology
- Technical mentoring
- Detailed Oriented
- Process Optimization
- Client Relations
- Cloud Development
- Cloud Security

Technical Skills

- **Stacks:** Golang, Python, PHP, JavaScript
- **Frameworks:** Django, Laravel, Go-micro, Nodejs, Reactjs, Angularjs
- **Database:** MongoDB, RDS, MSSQL, MySQL, DynamoDB, PostgreSQL,
- **Cloud Computing:** AWS, Azure
- **Tools:** Terraform, Argo, Helm, Grafana, DataDog, Sentry, Kubernetes

Awards & Recognitions

- Exterminator award in Reggora, 2021
- Rated high for exceeding expectations and received Tech Leadership recognitions from Kobo360
- Received best employee award at Thrive Global
- Nominated for Tech Innovation Award for my initiatives
- SPOT Award at Andela
- Recipient of Honors Award at Ash Nelson
- Received promotions and bonus for top performance

WORK EXPERIENCE

Head of Engineering | Kobo360 | May 2022 – Till Now

Kubernetes SonarQube Graphana Prometheus EKS Kafka MongoDB MySQL Redis RabbitMQ AWS

Kobo360 is Africa's innovation leader in integrated logistics solutions and truck brokerage services that helps drivers, cargo owners, and cargo recipients to manage end-to-end haulage operations. Through a robust all-in-one platform that instantly connects cargo owners to trucks and drivers, Kobo uses big data and agile technology to reduce friction and scale efficiency in the African logistics ecosystem. Clients include Air France, KLM, MDS logistics, Fetswallet, Chisco, and Ark Insurance Group.

- Successfully led key projects to identify and initiate best practices and quality control.
- Directing recruitment, placement, and evaluation of architecture or engineering project staff
- Developed and implemented policies, standards and procedures for Processes
- Introduced Agile methodology process and restructured the company's Tech team by setting up a highly motivated team of 50+ employees

DevOps Engineer | Kobo360, Nigeria | August 2020 – May 2022

- Moved kobo360 infrastructure from ECS (Elastic Container Service) to EKS (Elastic Kubernetes Service). This reduced Kobo360 infrastructure cost by 60 per cent just by moving kobo infrastructure to EKS
- Implemented a monitoring and alarming system to help Kobo60 handle incidents quickly
- Automated and improved the development and release processes
- Tested and examined code written by others and analyzed results using SonarQube
- Identified technical problems and developed software updates, and fixed them
- Worked with software developers and software engineers to ensure that development follows established processes and works as intended
- Led, mentored and supervised the Squad tools, Payfaster, and Trip teams.
- Analyzed current technologies used by the team, thereby creating and implementing innovative business solutions to support corporate objectives
- Worked closely with product teams to develop scalable solutions and products
- Communicate with stakeholders concerning architecture and cooperate with existing domain architects for the formulation and adoption of IT standards and procedures
- Resolved technical problems as they arise
- Led brainstorming sessions to develop potential solutions for business needs or problems.
- Identified opportunities for process improvements.
- Developed customized client solutions and strategies through business architecture and transformative networking.

Senior Software Engineer | Reggora, United States | August 2020

Reggora is a VC-backed technology company committed to automating the residential valuation process. Reggora's modern platform for mortgage lenders and appraisers leverages the latest technology, automation, and integrations to simplify and shorten the appraisal workflow. It handles payment processing, appraisal scheduling, automated underwriting, appraisal delivery, status updates, and more, creating unprecedented operational efficiency. It raised over \$45M in funding and is backed by investors Spark Capital and Boston Seed Capital.

- Rewrote a core feature that allowed lenders to use the system to aggregate this complex data and manage exceptions
- Developed a highly functional set of applications that helped solve performance issues around searching and rendering complex data sets gathered from real estate borrowers for lenders to evaluate when making lending decisions.
- Effectively carried out products and processes from concept to completion.

Senior Software Engineer | Thrive Global, United States | March 2020 -July 2020

Golang Kubernetes gRPC AWS Azure Wordpress Micro-services

Thrive offers companies and individuals sustainable, science-based solutions to enhance mental and physical well-being, performance, purpose, and relationship with technology. Its mission is to unlock human potential by ending the stress and burnout epidemic and improving their well-being and performance.

- Part of the Platform Core team responsible for handling the primary heavy lifting of tasks
- Broke down the monolithic application into a micro-service pattern using gRPC as a means of communication between the microservices
- Moved the infrastructure from AWS to Azure.

- Implemented Pub/Sub services to handle transactions along micro-service applications

Software Engineer | Andela, Nigeria | January 2020 – August 2020

Mentor Elastic Beanstalk AWS Golang Nodejs

Andela is a Nigerian startup that connects African software engineering talent to global companies. It has become the country's newest startup to attain unicorn status after raising \$200 million from investors. It specializes in helping leading companies like InVision, Cloudflare, and ViacomCBS build remote engineering teams by providing them with access to the best software engineers in the world. Andela is backed by investors including Generation Investment Management, SoftBank, Chan Zuckerberg Initiative, Spark Capital, and Google Ventures.

- Developed a blog platform using GoLang and deployed it to AWS Elastic-Beanstalk
- Developed a Fintech solution with a colleague using Nodejs and deployed it to AWS Elastic-Beanstalk
- Mentored junior engineers and performed code reviews

Full Stack Developer | Ash Nelson Partners, Nigeria | August 2018- January 2020

Fintech MSSQL Cyber Fraud Solution Python AWS Digital Ocean Multi-tenant Docker PHP Big Data
Hadoop Hbase

Ash Nelson Partners Limited ("ANP") is a Business Development & Sales Strategy Consultancy that specializes in providing outsourced solutions in Nigeria. It focuses on solving Cyber Security and Cyber Fraud problems for financial and revenue-collecting organizations. It creates sustainable value for our multinational and local clients by operating as a localized extension of business operations in Nigeria in forging strong relationships and deploying sales strategy resulting in increased revenue, profitability, and goodwill.

- Designed & Developed Scalable Applications
- Set up a highly motivated Tech team and also created sustainable operating models for the organization.
- Worked on the maintenance or enhancement of existing data structures
- Mentored junior engineers
- Supervised the team on the deployment of Cyber Fraud and Risk Management Solution (CFRM) for FCMB
- Directed recruitment, placement, and evaluation of architecture or engineering project staff
- Fixed bugs/flaws within Applications and other systems to ensure servers are running optimally
- Monitored Systems and Application performance and maintain systems according to requirements
- Data integration to core banking applications (Finacle, Etranzact) in order to satisfy the clients' need for Financial and Operational Reporting.
- Setup CI/CD pipeline using CodePipeline on AWS for all in-house applications
- Redesigned an internal application running on Digital Ocean and moved it to AWS cloud using some AWS services like AWS Cloud Formation, ECS, DynamoDB
- Led the dockerizing of applications and development using Docker and Kubernetes.

Senior Software Engineer | DigiComme Solution, Nigeria | March 2017 - July 2018

USSD SMSC Java Tomcat Telcomms Lafarge SOP

DigiComme Solutions Inc. is Nigeria's leading Information Technology services company committed to making it easy and affordable for businesses to build and grow their IT infrastructure and Internet presence. It provides custom software design and development services for Small and Mid-size Businesses that cannot afford to have dedicated IT personnel on-site.

- Supervised the team on troubleshooting issues in production and bug fixing programs.
- Maintained Short Message Service Centre (SMSC) and USSD server for Starfish mobile, used Java and Tomcat to implement it, and connected to all major Telecoms in Nigeria.
- Met with clients to discuss system requirements, specifications, cost, and timeline.
- Built and Deployed a Sale and Operation Planning (SOP) Application for Lafarge; it was built with Django and VueJS.

- Planned, Organized, and evaluated the operations of Information systems
- Carried out extensive code reviews and suggested optimization if needed.
- Mentored junior engineers

Software Engineer | SusejGroup, Nigeria | September 2015 - February 2017

IOT PHP Raspberry pi

- Developed various versions of the Susej Application
- Coordinated the alignment between architecture, design, and specifications.
- Developed Thermostats that clients can control from their smartphones.
- Built a Server that receives encrypted data from IoT devices through USSD and SMS

Qualifications

2016 B.Sc. in Computer Science (University of Lagos)

Trainings and Certifications

2022 Leading Change Management

2022 Strategic Innovation

2021 Google Project Management

2021 Digital transformation

2020 Udacity Nanodegree Program, AWS Cloud Architect

2020 Udacity Nanodegree Program, Cloud DevOps Engineer

2020 CKAD: Certified Kubernetes Application Developer

2020 AWS Certified Developer – Associate

Hobbies and Interest

Writing/Blogging, Read and Research about new technology trends, Photography, Sports and Exercise, Traveling