

## IBRAHIM GANA MALGWI

Software Engineer (Backend)

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### PROFESSIONAL SUMMARY

Backend-focused Software Engineer with 5+ years of experience designing, building, and deploying high-performing software solutions. Specialized in Java and Spring Boot with hands-on expertise in cloud-native technologies (Docker, Kubernetes), DevOps pipelines, and API development. Adept in the full software development lifecycle (SDLC), database design, systems integration, and backend architecture. Strong background in enterprise-grade payment and healthcare systems. Committed to writing testable, maintainable code and contributing to robust, scalable backend systems that comply with modern engineering standards.

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### KEY SKILLS

#### Languages & Frameworks:

Java (Spring Boot, Hibernate, Java EE), Python (Django, FastAPI), JavaScript (React, Node.js), C#, PHP (Laravel)

#### Backend Tools & Technologies:

RESTful APIs, OAuth2, JWT, Kafka, Redis, RabbitMQ, WildFly, Tomcat, Apache Server

#### DevOps & Cloud:

Docker, Kubernetes, CI/CD (Jenkins, GitHub Actions, GitLab CI), Terraform, Ansible  
Cloud: AWS, Azure, GCP, Render

#### Databases:

Oracle, MySQL, PostgreSQL, MSSQL, MongoDB

#### Other Skills:

System Administration (Linux & Windows), Cloud Engineering, API Development, SDLC, Agile, Microservices Architecture

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### PROFESSIONAL EXPERIENCE

## **Software Engineer (Team Lead)**

**AppGlobal Technologies** – *Aug 2024 – Present*

- Designed and implemented HL7 FHIR-compliant APIs for healthcare data exchange.
- Integrated secure payment systems via third-party APIs.
- Led system architecture, backend development, and CI/CD automation.
- Managed Oracle and PostgreSQL databases with optimized indexing and replication.

## **Software Engineer / Facilitator**

**Semicolon Africa** – *Mar 2022 – July 2024*

- Led backend API development using Java (Spring Boot) and Python (FastAPI).
- Deployed Dockerized applications using GitHub Actions and Kubernetes.
- Mentored engineering cohorts on full-stack development and enterprise design thinking.
- Automated cloud-native deployments on AWS.

## **Software Engineer**

**Carifika Global** – *Nov 2020 – Mar 2022*

- Developed cloud-hosted education and e-commerce platforms using Django and React.
- Built scalable REST APIs and integrated them into front-end systems.
- Implemented robust authentication with JWT and OAuth2 protocols.

## **Web Developer**

**Musfra Global Resources** – *2018 – 2020*

- Built WordPress sites, custom dashboards, and interactive front-end solutions.
- Delivered e-commerce integrations with payment gateways and inventory systems.

## **Independent Researcher**

**Navanti Group (Sokoto & Zamfara)** – *2018 – 2022*

- Managed field data collection systems and survey platforms like Pionmapper, Survey CTO.
- Conducted technical workshops and stakeholder engagements.

## **Sales Secretary**

**Nexans NOCACO Ltd (Sokoto)** – *2010 – 2018*

- Developed Excel-based reporting systems to track sales and inventory.

- Handled branch-level financial operations and system correspondence.
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## EDUCATION

- **Software Engineering**, Semicolon Africa – 2022 – 2023
  - **Entrepreneurship & Business Management**, Henley Business School, UK – 2023
  - **SSCE**, Federal Government College Maiduguri – 2000 – 2006
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## CERTIFICATIONS

- AWS Certified Solutions Architect – Associate
  - Microsoft Certified: Azure Fundamentals
  - Google Cloud Professional Cloud Engineer
  - Certified Kubernetes Administrator (CKA)
  - CompTIA Security+
  - ITF – Solar PV System (Design, Load Assessment, Installation, Maintenance)
  - Peer Educators Training (UNICEF) – Reproductive Health & HIV/AIDS Prevention
  - Diplomas in Computer Maintenance & Applications – Yaysib & Kwari Institutes
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## PROJECT HIGHLIGHTS

### Cloud-Based Payment Processing System

- Designed a secure backend using Spring Boot and PostgreSQL
- Integrated Redis and Elasticsearch for performance optimization
- Containerized and deployed using Docker on AWS EKS with full CI/CD

### Healthcare Interoperability Platform

- Engineered HAPI-FHIR compliant APIs with secure OAuth2 authentication
- Deployed scalable PostgreSQL backend and integrated Metabase for analytics
- Used Kubernetes and Docker for container orchestration

### NGO & Portfolio Sites

- Delivered optimized WordPress and React portfolio websites for various clients

- Ensured cross-platform and responsive performance

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## PERSONAL INFORMATION

**Languages:** English, Bura/Pabir, Hausa

**Location Flexibility:** Willing to relocate or work hybrid

**References:** Available on request