

IMOLEAYO MOSES
SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Experienced Software Engineer and Automation Expert with 6+ years in data-driven solutions, automation, and real-time data systems. Built AI/ML-powered e-commerce platforms, automation tools, and scalable enterprise applications. Passionate about innovation, mentorship, and efficiency through automation and machine learning.

CORE SKILLS

Languages: Python, JavaScript, TypeScript, SQL, GO

Frameworks & Tools: Fast API, Django, Node.js, React, React Native, Next.js, NestJs, gRPC & Protocol Buffers, GraphQL, Apache Spark, TensorFlow

DevOps: Docker, Kubernetes, AWS (ECS, S3, SNS, RDS, Route53, AWS Lambda), Terraform, CI/CD Pipelines (GitHub Actions, AWS code commit, Jenkins, AWS, code pipeline, code build and code deploy), Gradle, Linux, Git, Prometheus, Grafana, Ansible.

Databases: MongoDB, SQL, Postgresql, Redis, DynamoDB, Neo4j, Cassandra, TimescaleDB

Others: Kafka, RabbitMQ Cloud, Agile methodology, microservices, Automation, Machine learning, AI Agents, Low-Level Optimization (SIMD, Parallel Processing)

WORK EXPERIENCE

RGS World Wide Limited (Huawei)

Software Engineer and Automation Engineer (AUTIN) Lead

May 2021 – Present

- **System Development & Automation:** Designed and deployed AI/ML-powered (auto diagnose) telecommunication **network management systems** using **Python, and JavaScript** enabling **real-time monitoring of over 40,000 physical network sites (RAN, transmission, microwave, core)**. This ensured **operational visibility and network uptime Of 98%**.
- **Data Processing & Visualization:** Developed **real-time analytics dashboards** using **SQL, Prometheus, Grafana, and Elasticsearch**, reducing incident analysis time by **80%** and enabling preventive, corrective and **predictive maintenance**.
- **Security & Compliance:** Implemented **robust authentication & authorization** mechanisms using **OAuth, JWT, AWS IAM policies**, ensuring secure system access and compliance with industry standards.
- **Leadership & Mentorship:** Led a **team of 20+ developers**, conducting training on **software development best practices and project delivery management**, achieving a **95% project completion success rate** among mentees.

DevFast Innovations

Software Developer

September 2018 – April 2021

- **Secure & Scalable Payment Systems:** Engineered **high-volume payment gateways** with **Stripe API, NestJS, and PostgreSQL**, ensuring **99.9% transaction reliability** and enhancing **fraud detection and compliance**.
- **Cloud-Native System Optimization:** Optimized application performance by **leveraging AWS (EC2, S3, RDS, Lambda) and Docker Compose**, achieving **40% faster request processing and 99.9% uptime** during peak loads.
- **Microservices & Database Performance:** Designed and deployed **scalable microservices** using **PostgreSQL, MongoDB, and RabbitMQ**, reducing **query latency by 35%** and enhancing data consistency across distributed systems.

KEY PROJECTS

Server Monitoring Dashboard

Reference: Mr. Shogo

Skills: React.js, Python, Prometheus, Grafana, CI/CD, Docker, Jenkins, DevOps

Description: Developed a comprehensive server monitoring platform featuring real-time data visualization for CPU, memory, disk usage, and network metrics. It streamlined server management for administrators by providing actionable insights through an intuitive web interface.

Pikia Market (E-Commerce App)

Reference: Miss Somadina

Skills: Python, NodeJs, React Native, Expo, APIs, UI/UX, Authentication, Auto Notification System

Description: Created a robust fullstack e-commerce platform connecting African food vendors with customers in the diaspora. It expanded market reach for vendors and offering a seamless shopping experience to customers across the US.

Personalized Shopping Experience

Reference: Mr. Tochukwu

Skills: React Native, Python, TensorFlow.js, OpenCV, AWS, AR, CI/CD

Description: Developed a next-gen e-commerce platform offering personalized product recommendations using machine learning algorithms. Integrated AR for real-world product visualization and image processing for enhanced product imagery.

MTN NG Network Report Automation

Reference: Mr. Rasheed

Skills: Automation, APIs, GIS, Python, Selenium, WhatsApp API

Description: Automated the generation and delivery of hourly network outage reports for MTN Nigeria. Pulled real-time outage data, processed it into structured reports, and sent updates via WhatsApp API to relevant teams.

AWARDS & RECOGNITIONS

Best in Project Development and Presentation – 2021

- Awarded by **The STEM Belle Foundation** during a leadership training - [STEM Belle Foundation LinkedIn](#)

RGS World Wide Limited (Huawei) Regional Network Center Quarterly Award – 2024

- Recognized by **Huawei Regional Network Operation Center (RNOC)** for exceptional contributions to software tools and automation development.

RGS World Wide Limited (Huawei) Most Outstanding Staff and Team Player – 2024

- Honored by the **Automation and Intelligence Department** for exemplary teamwork, dedication, and exceptional achievements.

RECOMMENDATIONS

RGS World Wide Limited (Huawei) Network Operation Center (NOC) - 2024

- Received a formal appreciation and recommendation from the **NOC Manager to Huawei HR**, commending my exceptional dedication and performance.

VOLUNTARY SERVICE

- **GitHub Inc. Campus Ambassador (2018):** Served as an ambassador during a **30-day coding challenge**, mentoring participants and fostering a collaborative learning environment to enhance coding skills and project development.

EDUCATION

Ladoke Akintola University of Technology
Bachelor of Technology

Oyo State
2017