

IMOLEAYO MOSES

SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Experienced Software Engineer with over 6 years of expertise in designing and deploying scalable, high-performance applications using Python, JavaScript, and cloud technologies. Demonstrated success in developing AI/ML-powered platforms, automation tools, and real-time data systems, delivering significant enhancements in efficiency and user experience. Committed to technical innovation, mentorship, and solving complex challenges through code.

CORE SKILLS

Languages: GO, JavaScript, Python, SQL, GO

Frameworks & Libraries: Fast API, 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 CodeCommit, Jenkins, AWS CodePipeline, CodeBuild, CodeDeploy), Gradle, Linux, Git, Prometheus, Grafana, Ansible

Databases: MongoDB, PostgreSQL, MySQL, Redis, DynamoDB

Other: Kafka, RabbitMQ, Agile methodology, microservices, Automation, Machine Learning, AI Agents, Low-Level Optimization (SIMD, Parallel Processing), Low Code experience

WORK EXPERIENCE

RGS World Wide Limited

Software Engineer | May 2021 – Present

- Developed telecom network management systems using Python and JavaScript, enabling real-time monitoring of 40,000+ network sites and core nodes (RAN, transmission, microwave, and core).
- Achieved >98% network uptime by implementing intelligent alerting and diagnostic tools.
- Built AI-powered assistants for engineers, leveraging NLP and knowledge graph algorithms to automate alarm correlation, site health validation, and RCA suggestions.
- Created a conversational AI agent integrated with WhatsApp, web, and dashboard interfaces, trained on historical incident tickets and vendor manuals.
- Engineered real-time alerting tools with Grafana and Prometheus, and automated reporting systems, cutting manual reporting time by 90%.

Project Manager | May 2021 – Present

- Directed daily operations of the AUTIN platform, ensuring seamless automation deployments for MTN Nigeria.
- Mentored 20+ system integrators, providing training on system integration, automation pipelines, and agile delivery, achieving a 95% project success rate.

DevFast Innovations

Software Engineer | September 2018 – April 2021

- Designed secure, scalable payment gateways with Stripe API, NestJS, and PostgreSQL, maintaining PCI-DSS compliance and 99.9% transaction reliability.
- Optimized backend services using AWS, Docker, and CI/CD pipelines, improving request processing

speed by 40% and ensuring 99.9% uptime.

- Implemented a microservices architecture with PostgreSQL, MongoDB, and Kafka, reducing database query latency by 35%.
- Built an e-commerce recommendation engine with Python and Scikit-Learn, increasing sales conversion by 28%.
- Developed a GIS-based logistics tracking system and vendor analytics dashboard using React, Node.js, and D3.js.
- Automated invoice and report generation with Puppeteer and Node.js, streamlining operational workflows.
- Engineered a high-performance backend platform in Go, C++, and Redis, achieving sub-100ms latency under high concurrency, boosting throughput by 3x.

KEY PROJECTS

TZ Vodacom AUTIN Project Delivery

- Led solution analysis and system design, customizing solutions with Python and JavaScript for seamless implementation with zero escalations.

MTN NG AUTIN Project Owner

- Managed daily operations and automation deployments, contributing to MTN Nigeria's "Best Digital Solution Project" award in Southern Africa.

MTN NG Network Report Automation

- Automated hourly network outage reports using Python, Selenium, and WhatsApp API, reducing manual effort by 90%.

Server Monitoring Dashboard

- Built a real-time server monitoring platform with React.js, Python, Prometheus, and Grafana, deployed via Docker and Jenkins.

AWARDS & RECOGNITIONS

- Best in Project Development and Presentation – 2021, STEMBelle Foundation
- RGS World Wide Limited (Huawei) Regional Network Center Quarterly Award – 2024, for outstanding software tools and automation contributions
- RGS World Wide Limited (Huawei) Most Outstanding Staff and Team Player – 2024, Automation and Intelligence Department

VOLUNTARY SERVICE

- GitHub Inc. Campus Ambassador (2018): Mentored participants in a 30-day coding challenge, enhancing collaboration and coding skills.

EDUCATION

Ladoke Akintola University of Technology, Oyo State

Bachelor of Technology | 2017

RECOMMENDATIONS

- RGS World Wide Limited (Huawei) Network Operation Center (NOC) – 2024: Recognized by the NOC Manager for exceptional dedication and performance.