FAITHFUL **OLALERU**
SOFTWARE DEVOPS ENGINEER

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Summary

Motivated Software DevOps Engineer with six years' experience in software development and cloud architecture. Proven expertise in automating deployment processes, optimizing CI/CD pipelines, and managing cloud infrastructure using AWS and GCP. Strong focus on integrating DevOps practices to drive software quality and scalability, ensuring alignment with business goals.

Competence Areas

Development Management: Jira, Confluence, Slack, Teams, Notion

Programming languages: Java, Javascript, Typescript, SQL, Python, PHP, XML, Kotlin

Programming Frameworks: SpringBoot, Spring, React, Nodejs, Expressjs, Nestjs, Nextjs, MSF4J (Microservice Framework for Java), Project Reactor, TailwindCSS, Redux

Testing Frameworks: JUnit, Mockito, Jest

Build/Bundler/Compiler Tools: Apache Maven, Gradle, Vite, Webpack, Babel

ORM/ODM: Mongoose, Prisma, Typeorm, Sequelize, Hibernate, KnexJs

Operating systems: Windows, Mac, Linux

Version Control: Git, Github, Gitlab, AWS CodeCommit, GCP Source Repositories

Database Servers: PostgreSQL, MySQL, MariaDB, MongoDB, Redis, Firestore
Tools: Intellij IDEA, Integration Studio, MongoDB Compass, Postman, Swagger, PgAdmin, MySQL Workbench, XAMPP, SourceTree, Github Desktop, and Figma.

Web/Network Servers: Apache HTTP Server; Apache Tomcat, Wildfly, Netty

Deployment: AWS, GCP, Docker, Github Actions, Amplify, Elastic Beanstalk, App Engine, Google Firebase, CloudFormation, Terraform

Others: Apache Kafka, RabbitMQ, AMQP, WebSockets, GraphQL, Elastic Search, Apache Fineract

Professional Experience

Senior Software Engineer | Xcene Research | Lagos, Nigeria
(Aug 2023 – present)
- Developed and maintained web applications using TypeScript and React.js, resulting in improved user engagement and increased user satisfaction.
- Utilized Figma to translate design mockups into interactive web interfaces, ensuring consistent design and functionality.
- Implemented responsive design principles and cross-browser compatibility to enhance user experience across various devices and browsers.
- Designed and implemented RESTful APIs, robust Authentication and RBAC Authorization

mechanisms with Nestjs.

- Created CI/CD pipelines with GitHub Actions for seamless deployment to EC2 Instances, improving deployment speed and reducing manual intervention by 30%.
- Optimized infrastructure using Docker, reducing server provisioning time by 40%.
- Managed infrastructure scaling with AWS EC2 Auto Scaling, ensuring optimal performance during peak loads
- Managed DNS configurations across multi-cloud environments using AWS Route53, improving traffic routing and uptime.

Java Backend Engineer | Turog Integrated Solutions | Lagos, Nigeria
(Feb 2023 – Aug 2023)

- Built Core digital banking Services using Apache Fineract, Mifos Initiative and Odoo ERP
- Created extensive banking reporting services with Fineract Pentaho
- Implemented complex middlewares using SOAP Web Services, ESB, XML-based Services, WSDL, MSF4J
- API Monitoring, IAM and deployments with WSO2's API Manager, Identity Server & Micro Integrator
- Integrations with 3rd party payment providers including Unified Payments & NIBSS
- Implemented Redis Caching across multiple microservices to decrease latency by 30% and enhancing system reliability

Java Backend Engineer | Sabi.am Africa | Lagos, Nigeria
(Jan 2022 – Oct 2022)

- Designed, developed and tested new features to service B2B business objectives for over 250,000 customers in the informal market ecosystem.
- Created REST API's for PWA & Native App in the CRM space using microservices architecture with Agile/Scrum methodologies while reducing latency by more than 35%
- Practiced clean, scalable coding and wrote Unit & Integration tests with documentation on services
- Streamlined online payment processing to work with augmented security protocols to improve customer experience and increase sales by 25%
- Worked with Java SpringBoot, Reactive Spring, Spring Webflux, Java/J2EE, JDBC, JPA, Servlets, Hibernate, Liquibase, Apache Tomcat, Apache Maven, Gradle, Postgres, MySQL, MongoDB, WebSockets, GraphQL, RabbitMQ, Elastic Search,…

Fullstack Engineer | CITS - UNILAG | Lagos, Nigeria
(Sept 2018 – May 2021)

- Successfully implemented and deployed official website for Faculty of Engineering at UNILAG using PHP & Software Design principles
- Analyzed system and user requirements for software product & Product Development
- Working with a team to create Internal Memo web app using React.js, Node.js, Express.js & MongoDB, MySQL, PostgreSQL, MariaDB databases
- Debugging, troubleshooting and Deploying solutions to meet quality assurance standard
- Created intelligent middleware to manage complex data and reduce paper trail by almost 80%
- Designed system integrations, project workflows and database architecture

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Core Skills

- Software Development
- Unit & Integration Testing
- Object Oriented Programming
- Functional Programming
- Test Driven Design
- Domain Driven Design
- Bug tracking & Report
- Microservices Architecture
- Service Oriented Architecture
- Software Architecture
- Deployment Strategies

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Soft Skills

- Effective Communication
- Teamwork
- Problem Solving
- Time Management
- Adaptability
- Qualitative Research
- Strategic Planning & Execution
- Analytical Thinking

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Education

BSc | Mechanical Engineering | University of Texas at Arlington
(Aug 2015 – May 2018) (75 hours)

BSc | Systems Engineering | University of Lagos, Nigeria
(Jan 2014 – Aug 2015) (40 hours)

Certifications

GCP Professional Cloud Architect | GCP | *(Oct 2024)*

AWS Solutions Architect Associate | AWS | *(Feb 2024)*

AWS Certified Cloud Practitioner | AWS | *(Oct 2023)*

Data Science Programming with Python | Udacity Nanodegree | *(Aug 2021)*

Projects

Reverse Engineering: Integration of ChatGPT, LangChain.js & Pinecone

Finetuned ChatGPT LLM with data from pdf files to create an intelligent chatbot that can respond to prompts based off data from pdfs, and can be applied to a variety of tasks.

Github Repository | Technical Article

Affiliations

- National Society of Black Engineers | Public Relations Chair, 2017
- National Society of Collegiate Scholars | Star Status Coordinator, 2017
- American Society of Mechanical Engineers | Member, 2018