

OLUWATOBI OMORUBORE

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SOFTWARE ENGINEER

[LinkedIn](#) | [GitHub](#) | [My Career website](#)

PROFILE

Software Engineer passionate about scalable, secure, and high-performance applications, with expertise in Java, C#, .Net, Spring Boot, React, AWS, Docker, Typscript and CI/CD automation. Proven success in developing microservices, authentication frameworks, and cloud-native solutions that enhance system reliability. A collaborative problem-solver with a growth mindset, highly adaptable to learning new technologies, and eager to contribute to the team's mission by building innovative, customer-focused solutions.

EXPERIENCE

Data Fidelity

Aug 2023 – Present

Full Stack Software Engineer

- Postcode-ng: A solution that makes it easy to look up Nigeria postcodes by states, city, town, street.
- Optimized postcode lookup efficiency by reducing query response time by 40%, scalable backend API.
- Enhanced data transformation and reporting by automating ETL workflows, by leveraging Quartz, Logstash, and Rufus for job scheduling. Built services to encode, decode and transform GeoJSON data.
- Increased system reliability by implementing unit and integration tests, by designing robust error handling and secure authentication mechanisms.
- Improved user experience by developing an interactive postcode lookup website, by translating UI designs into a Vue.js and Bootstrap-based frontend.
- MySQL, SpringBatch, SpringBoot, Elasticsearch, Docker, Java, PHP, React, Bootstrap, C#, .Net, JQuery.

Digital Sanctuary

Jan 2022 – June 2023

Software Engineer

- Developed a scalable user management framework with Spring Security and OAuth2 SSO, supporting Google & Facebook auth, 2FA, account lockout, CSRF protection, and customizable role-privilege system.
- Deployment efficiency by automating CI/CD pipelines. Docker, Github Actions and AWS CodePipeline.
- Seamless database integration for user storage leveraging Spring JPA, Hibernate, and Flyway.
- Local and cloud-based testing by enabling developers to test SSO and database configurations in a controlled environment, by setting up Docker Compose for local development.
- Reduced onboarding time for developers by creating a fully functional demo application, to provide example configurations and working front-end pages.

Zinox Technology

Feb 2021 – March 2022

Software Engineer

- An Image Transformer: URL, real-time image manipulation. Similar to [imagekit.io](#) Used as microservice by clients to display image base on screen form factor.
- Logistics Aggregator: For multiple couriers. With Consideration for partners with intercepting polygons.
- Headless Image Micro-Service: Integrate to fetch image from multiple sources. AWS S3

Fiverr

Jan 2018 – Dec 2020

Contract/Freelance Software Developer

- Given a dry bean dataset, develop a system for automatic detection of 7 types of dry bean seeds. Used K-Nearest Neighbour (KNN) and Support Vector Machine (SVM) for the analysis. [View solution](#).
- A Life-Coach Website for [Will-House](#). Button Simple: an [app for Care givers](#) to talk with their aged parents. Idea stage, app requirement, mock-up. Launched app on Apple Test flight.
- Phone and Laptop repair. OS issue repair, file recovery, fix system crashes, Virus detection.

EDUCATION

Ladoke Akintola University of Technology
Bachelor of Technology, Computer Science

Oyo, Nigeria.
2015 – 2019

Android Certification Training Course, Edureka
Android Developer Certificate. [URL](#)

India
2020

PROJECT

- Researched 'The digital data & privacy of the decease' and built a Digital will app JUST-WILL, allows a person to decide what happens to their data when inactive. Tools/Skills: Java, Android, Xml Android.
- Java User Group (JUG) Ogbomoso leader. Pioneered several tech trainings, promote Java. [LOCAL HACK DAY 2018](#). Attracted over 450 attendees & featured tech solutions. Planned and executed within 10 days.

SKILLS / INTERESTS

Programming Languages

Java, C-sharp C#, Python, Kotlin, PHP, Dart, JavaScript, TypeScript, NodeJS, Swift, ReactJS, HTML, CSS, Markdown, Bash script.

Design Patterns, Concepts, Developer Tools, Frameworks and Architectures

Rest Api, GraphQL, MVVM, MVC, MVP, DDD, Clean, TDD, BFF, Unit Test, Git, GitHub, Elasticsearch, Hibernate ORM, SpringBoot, .NET, FastApi, Laravel, Vue, Android, GatsbyJS, Flutter, React-Native, SQL, No-SQL, MongoDB, PostgresQL, MySQL, Operating System, Linux, MacOS, Windows, CI/CD Pipeline, AWS, Git Action, Algorithms, Data Structures, Docker, Kubernetes, Logging, OAuth, Authentication, Docs, Jenkins, New Relic.

Interest

Artificial Intelligence AI, Open Source, App Security, User Experience.

Language

English, Yoruba

ARTICLES / PUBLICATIONS

- WE PLANNED HACKATHON IN JUST 10 DAYS [URL](#) March 2020