

Eniola Oseni, BSc. Comp. Sci.

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- Software developer with 5+ years' work experience across technical, finance and travel industries, with strong command in building scalable data driven solutions.
- Passionate about leveraging cutting edge technologies to develop data-driven solutions that address consumer needs and enhance operational efficiency and productivity.
- Seasoned senior software engineer proficient in developing data-centric applications utilizing SQL, PostgreSQL, and MSSQL technologies, with solid expertise in backend development using Java, Typescript, JavaScript, Angular, and ReactJS.
- Accomplished software engineer with multiple production grade web applications which drove efficiency and revenue growth by over \$1 million USD in the first financial year at Wakanow
- Collaborative team player adept at crafting scalable solutions for enhanced user experience and seamless operation

CORE COMPETENCIES

- **Programming Languages:** Java, Typescript, JavaScript, Python, HTML5, SCSS
- **Web development:** Spring boot, Node.js, ExpressJS, Typescript, Angular, React, Bootstrap, Microservices
- **Database Management:** PostgreSQL, MySQL, MSSQL, Sybase, MongoDB
- **Libraries and Tools:** Docker, Git/GitHub, Linux, React, jQuery, JPA, Hibernate
- **Cloud Platforms:** AWS (EC2, S3, EBS, ELB, CodeBuild, RDS), Azure (AVM, AKS, Webapps, Azure Storage, Azure AI services), Heroku
- **Software Testing:** Jest, Junit, Mockito, Mocha
- **Cybersecurity Awareness:** ISC2, OWASP
- **Communication Skills:** Slack, Microsoft. Teams, Google Meet, Jira, Confluence, Zoom
- **Soft skills:** Verbal/ Written Communication, Leadership, Attention to detail, Critical thinking, Teamwork, Time management, Multitasking, Problem-solving, Working independently.

EDUCATION & CERTIFICATION

Bachelor of Science, Computer Science	FUNAAB	2014-2018
Certified AWS Cloud Practitioner	L0TS1LXJHM111YCY	Dec. 2021
Microsoft Azure AI Fundamentals	26B6857A738CBF83	Apr, 2024
Junior Data Analyst Program	Npower Canada Toronto On	Mar 2024 – Jun 2024

PROFESSIONAL EXPERIENCE

Lead Backend Engineer (Remote)

Oct. 2023 – Present

Delarex LLC | Texas, USA

- Backend REST API Optimization: Spearheaded the design and development of a high-performance REST API, boosting throughput by 25% and ensuring scalability for a user base growth of 40%. Implemented best practices using Java, Spring Boot, and PostgreSQL, enhancing system responsiveness, and achieving a 15% reduction in latency.
- End-to-End AWS Infrastructure Setup: Orchestrated AWS infrastructure setup, leveraging Amazon RDS for PostgreSQL to improve system reliability by 30% and reduce costs by 20%. Managed AWS security groups and implemented rigorous security measures to ensure a secure environment for users and data.
- Efficient CI/CD Pipelines and Security Enhancement: Established CI/CD pipelines using AWS CodeBuild and CodeCommit, reducing deployment time by 25%. Implemented robust security measures, conducting regular code reviews and penetration testing with OWASP ZAP and SonarQube, reducing vulnerabilities by 30%.

Senior Frontend Engineer (Remote)

Oct 2022 – Oct 2023

Wakanow | Lagos, Nigeria

- Leadership in Frontend Architecture and Design: Led the team in the development of a modular Travel and Lifestyle platform using Angular and Redux, generating over ₦1B in Q1. Implemented multi-module functionalities for flights, hotels, visa applications, and holiday packages, optimizing user engagement and revenue streams by 70%. Utilized TypeScript for robust, scalable frontend architecture.
- System Design and CI/CD Implementation: Pioneered the design and development of a hotel onboarding and management system, streamlining operations and boosting operational efficiency by 40% using Node.js and MongoDB. Established CI/CD

pipelines with Docker, Azure DevOps, and CodeCommit, reducing deployment time by 25% and ensuring seamless integration and delivery.

- Collaboration and Cloud Services Integration: Orchestrated the integration of top-tier analytics and communication tools, such as Google Analytics, Mixpanel, and Netcore, along with data analytics dashboards, improving data insights by 25% and enhancing user engagement. Fostered team collaboration in designing and implementing microservices architecture, leveraging Azure cloud services to enhance system reliability and scalability.

Software Developer

May 2022 – Oct 2023

Zenith Bank International | Nigeria

- Transaction Reprocessing Feature Implementation: Spearheaded the implementation of a transaction reprocessing feature within the banking application, leveraging Java technologies. This initiative streamlined user workflows by enabling seamless reprocessing of failed transactions, resulting in a 20% increase in transaction success rates and overall system efficiency.
- API Collaboration for Enhanced Banking Connections: Led the collaboration with NIBSS to establish secure API connections, leveraging Java and Springboot. This strategic partnership facilitated seamless fund transfers for corporate customers, culminating in a 25% surge in inter-bank transactions, thereby enhancing efficiency and user convenience.
- Application Optimization and Competitive Advantage: Directed the optimization efforts of the application, harnessing the power of Java, Spring Boot, and AWS technologies. Through meticulous architectural design and performance tuning, achieved a 15% increase in user satisfaction scores, solidifying a competitive edge in the dynamic banking sector.
- Strategic Collaboration and Application Enhancement: Orchestrated strategic collaboration with Zenith Bank's corporate team to enrich the JavaEE-based Corporate Internet Banking app. Implemented advanced features leveraging Java, enhancing user satisfaction by 30% and expanding application capabilities. Additionally, played a pivotal role in elevating scalability, reliability, and user experience, driving higher satisfaction scores by 15%.

Full-stack Software Engineer

Mar 2022 – Oct 2022

Union systems | Nigeria

- Full-Stack Innovation with Spring Boot: Leveraged the power of Spring Boot for backend development, complemented by Angular for frontend, to automate international and domestic trade finance operations. Achieved a remarkable 30% reduction in processing time, showcasing the efficiency and robustness of the Spring Boot framework in delivering comprehensive solutions.
- Continuous Application Improvement with TypeScript: Persistently enhanced application features and performance using TypeScript within the Angular framework to maintain competitiveness in the dynamic trade finance landscape. This continuous improvement initiative resulted in a notable 20% increase in user engagement, ensuring the application's sustained relevance and competitiveness.
- Key Role in Indigenous Software Development: Played a pivotal role in a skilled development team to design, develop, and deploy Kachasi, Nigeria's first indigenous trade finance software. Utilized Spring Boot for backend operations and Angular for frontend interface, pioneering innovation in the local fintech sector. Achieved a significant milestone with Kachasi gaining a remarkable 30% market share within the first quarter of its launch.

Software Developer

Aug 2019 – Mar 2022

Verraki Business Solution | Nigeria

- Backend Development and Microservices Architecture: Played a vital role in the agile software development cycle, contributing to the design of microservices for a time and expense management solution. Utilized Python Django for backend development, implementing REST API endpoints to facilitate seamless communication between services. Collaborated closely with the team to ensure the scalability, reliability, and efficiency of the system architecture.
- Containerization and Automation: Spearheaded the containerization of the Process Maker & GAPS application at GTBank, leveraging Docker to encapsulate these applications into containers for simplified deployment and management. Additionally, led the automation and deployment of the TOD (Temporary Overdraft) process at First Bank of Nigeria using NEWGEN IBPS, Java, and JavaScript. This initiative not only reduced redundant paper processes but also improved application performance and processing time, enhancing the experience for both bank staff and customers.
- Python Django Development for Visitor Management System (VMS): Took charge of implementing the backend logic and database management for the Visitor Management System (VMS) using Python Django framework. Designed and developed RESTful APIs to handle visitor registration, check-in/out procedures, and access control functionalities. By leveraging Django's robust features, contributed to building a scalable, secure, and efficient VMS solution tailored to the specific needs of the organization.