

Jeremiah O. Okoro

Software Engineer

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Summary

Highly motivated Software Engineer with extensive experience in software development and application support. Adept at collaborating with cross-functional teams to deliver reliable, high-quality software solutions. Known for exceptional communication and leadership skills, with a proven track record of meeting organizational goals efficiently and effectively. Passionate about quality and continuous improvement in all aspects of software engineering.

Tech Stack | Skills | Tools

- **Languages:** Java, Python, JavaScript, SQL, Linux
 - **Frameworks:** Spring Boot, Flask, React, Angular
 - **Web Technologies:** HTML5, CSS
 - **Methodologies:** TDD, BDD, Debugging, Troubleshooting
 - **Network:** WAN, LAN, WLAN
 - **Databases:** MS SQL, MySQL, MongoDB, PostgreSQL, Redis
 - **Protocols:** SOAP, REST, HTTP
 - **Tools:** Git, Maven, Gradle, Docker, Jenkins, Jira
 - **Concepts:** OOP, OOAD, SDLC, Load Balancing
 - **Cloud Services:** AWS, Kubernetes
 - **Testing:** JUnit, Mockito
 - **Other Skills:** Scrum, Communication, Presentation
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Work Experience

Revo Energy Africa (Lagos, Nigeria)

Software Engineer (Remote)

July 2023 - Till Present

- Design, Develop, Implement, and maintain responsive web products for the end users and enhance the front-end technology.
- Identify and resolve software bugs through systematic debugging, ensuring the stability and functionality of the code-base.
- Ensure product quality through code reviews and high-level unit and functional test coverage.
- Collaborate with other engineers to implement technical designs and requirements and ensure software adheres to the company's high-level technical standards.

- Work with project managers, product designers, developers, quality assurance, and customers to resolve technical issues and document software functionalities.
- Install and configure software applications and test solutions for effectiveness.

Semicolon Africa (Lagos, Nigeria)

Software Engineer Trainee

May 2022 - July 2023

- Collaborated with a team of six Engineers to develop and maintain several scalable, secured, and high performance applications.
- Supported Software Development Life Cycle (SDLC) implementing Agile (scrum) methodologies.
- Assisted in building REST APIs using Java/Spring Boot for data and resource interchange among different units and departments in the company.
- Documented and maintained software functionalities.
- Participated in stand-up meetings and contribute to assigned sprint tasks when developing new project features.

Enugu Electricity Distribution Company Plc. (Enugu, Nigeria)

GIS Analyst | Technical Support

July 2019 - April 2022

- Conducted Quality Assurance/Quality Control (QAQC) using ArcGIS and FME, on all geospatial data collected by GIS field enumerators, ensuring its accuracy and seamless integration into the GIS database.
- Generate, analyze and present customers feedback and issue log reports and performance metrics to management.
- Conducted user training sessions to other departments to enhance understanding and effective use of the GIS application.
- Designed custom work-flows to collect, store, and analyze over 1.2 million building footprints and 6 million customer geographical data using tools such as FME, ArcGIS, Python, and SQL.
- Troubleshoot and resolve application issues, including connectivity, performance, and data integrity problems.
- Produced comprehensive reports (stakeholder reports) to identify data anomalies using a variety of geospatial techniques, facilitating informed decision-making.

Projects

1. Lost But Found App:

An application designed to connect item owners with their lost items. The app allows users to register found items and search for lost items, providing a streamlined process for reuniting people with their belongings.

- **Tools:** Java, Spring Boot, MongoDB, Maven, Firebase Storage, JWT, Lombok, AWS

2. E-voting Application:

An online voting system for secure organizational voting events.

- **Tools:** Java, Spring Boot, MySQL, JWT, Spring Security, Java Mail Sender

3. Loan Approval Prediction System:

Developed a predictive model and web app using Python to classify loan applicants.

- **Tools:** Python, Matplotlib, Pandas

4. Logistics Management System:

Built a logistics app for fast and safe delivery of items, accessible via browser.

- **Tools:** Java, Spring Boot, MongoDB, Maven, Spring Security

Education

Henley Business School, Oxford-shire, UK (Associated with Semicolon Africa)

Business Administration and Management

Aug 2023

Semicolon Africa, Yaba, Lagos, Nigeria

Software Engineering

May 2023

Federal Polytechnic Nekede, Owerri, Nigeria

Higher National Diploma (Equivalent to BSc. in Nigeria)

Surveying and Geo-informatics

Oct 2015 - Oct 2017

Federal Polytechnic Nekede, Owerri, Nigeria

National Diploma

Surveying and Geo-informatics

Oct 2011 - Oct 2013

Certifications

- LinkedIn Learning: Java Algorithm
- Sololearn: Java-Intermediate
- Great Learning: Java Programming
- IBM (Coursera): Python for Data Science and AI
- IBM (Coursera): Database and SQL for Data Science