

# ADAUGO FIONA OKEZIE

8 Weymouth Street, St John's, Newfoundland. · +1 709 853-7281

[fiona.okezie@outlook.com](mailto:fiona.okezie@outlook.com) · [LinkedIn](#): Fiona Okezie · [Research Gate](#): Adaugo Okezie ·

[GitHub](https://github.com/FionaOkezie): <https://github.com/FionaOkezie>

A talented professional who is resourceful, diligent, and dedicated in the workplace. Having a strong interest in computer and technology-related fields such as Software Engineering, Networks, Telecommunication, and Cybersecurity. I strategically endeavor to reach and sustain corporate goals with a dedication to excellence and integrity by being diligent, utilizing my experience, and collaborating with others.

## EXPERIENCE

### **Radio Access Network (RAN) Optimization Engineer**

**October 2020 - August 2023**

#### **LM ERICSSON, NIGERIA**

##### **Responsibilities:**

- Employ Measurement Analysis Platforms (MAPs) and/or Enhanced Nokia Intelligence Quality (ENIQ) to analyze and monitor network Key Performance Indicators (KPIs) across 2G, 3G, LTE and 5G technologies.
- Investigate customer complaints, conduct thorough Root Cause Analyses for end-user problems, and provide solutions with detailed explanation reports.
- Conduct parameter consistency checks, tuning, and optimization for 3G, LTE, and 5G, focusing on improving network KPI performance in throughput, accessibility, retainability, and mobility.
- Perform a comprehensive audit of network parameters, identifying inconsistencies, and delivering recommendations for resolution.
- Manage traffic observation, KPI monitoring, and alarm handling through Operation Support Systems (OSS) and Element Management (ENM), while utilizing advanced data analysis tools like Microsoft Excel and Power BI for insightful presentations.

### **Graduate Radio Access Network (RAN) Optimization Engineer**

**October 2019 - September 2020**

#### **LM ERICSSON, NIGERIA**

##### **Responsibilities:**

- Regularly report and monitor network Key Performance Indicators (KPIs) for projects, conduct in-depth analysis, and create presentations using Excel and PowerPoint.
- Provide daily reports detailing the performance of 2G, 3G, and LTE technologies within the network.
- Engage in training sessions to familiarize with the utilization of network Key Performance Indicator troubleshooting tools, including ENIQ, MAPs, ENM, and OSS.

### **Assistant Data Processing Officer**

**June 2017 - April 2018**

#### **KWARA STATE MINISTRY OF EDUCATION, NIGERIA**

##### **Responsibilities:**

- Input, organize, and analyze school data to generate reports for departmental use, emphasizing accuracy and quality assurance.
- Actively participated in refining reports based on reviews by the Director of Planning, Research, and Statistics, contributing to data integrity.
- Provided valuable suggestions for process improvements and diligently monitored request progress to ensure timely completion within set deadlines.

### **Administrative Personnel and Customer Care Representative**

**August 2016 - May 2017**

#### **STANDARD ELITE INVESTMENT LIMITED, NIGERIA**

##### **Responsibilities:**

- Accurately inputting customer data into the company database and verifying customer payments for completeness and accuracy.
- As a Customer Care Representative, I address customer inquiries and assist in resolving issues related to registration, payments, and other concerns, ensuring a positive customer experience.
- Provide support for maintaining the customer database, ensuring comprehensive tracking of information crucial for the company's operational efficiency and overall success.

### **Industrial Training Expert**

**September 2015-November 2015**

#### **AFRINTECH NIGERIA LIMITED, NIGERIA**

##### **Responsibility:**

- Conducted client training sessions on ICT services, specializing in Microsoft Office applications.
- Collaborated effectively with cross-functional teams to achieve company targets and goals.

## **EDUCATION**

### **M.ASc. Software Engineering**

**2023 – 2024**

#### **MEMORIAL UNIVERSITY OF NEWFOUNDLAND, CANADA**

### **M.Sc. Computer Science**

**2018 – 2020**

#### **COVENANT UNIVERSITY, NIGERIA**

- Dissertation Topic: Transcriptional Signature for Tuberculosis Prediction Using Ensemble Learning Technique
- GPA: 5.0/5.0

### **B.Sc. Computer Science**

**2012 – 2016**

#### **UNIVERSITY OF NIGERIA, NSUKKA**

- Dissertation Topic: Web-based Market Locator System
- GPA: 3.56/5.0

## **COMPUTING AND LANGUAGE SKILLS**

- Proficient in utilizing MapInfo for strategic network planning and performance assessment.
- Experienced in conducting statistical analysis using Business Objects and MAPs for performance evaluation.
- Utilizes Google Earth for RF-related small tools and macros to enhance network efficiency.
- Expertise in Microsoft Office applications (MS Word, Excel, PowerPoint, Outlook, Teams, etc.) and adept at utilizing Google applications.
- Proficient in using Microsoft Excel and Power BI applications for data analysis and presentation.
- Skilled in ENM for effective network alarm observation, command handling, and traffic monitoring.

- Knowledgeable in PHP, SQL, Python, and Java for software development and data manipulation.
- Proficient in HTML, CSS, JavaScript, and React for front-end projects.
- Exhibits effective time management and organizational skills.
- Demonstrates excellent written and verbal communication skills.
- Possesses strong problem-solving and critical-thinking abilities.
- Demonstrates a proactive mindset in approaching tasks and challenges.

## TRAINING AND WORKSHOP

- Computer Graphics Design [2015]
- Computer Animation [2015]
- Quantum Business School (Team Building) [2016]
- Full Stack Web Development [2018]
- Linux Redhat Training [2018]
- Cybersecurity Bootcamp [2022]

## PROJECTS

- Developed a Chat Forum using PHP and MySQL for the backend.
- Provided expansion recommendations for MTN Nigeria, contributing to network scalability.
- Managed the rollout of MTN NG L800 technology, enhancing network coverage and performance.
- Managed the rollout of MTN NG 5G technology and summer modernization enhancing network performance and improvement.
- Oversaw the rehomeing and EPB expansion for MTN Guinea Bissau, ensuring seamless network operations.
- Conducted network analysis, babysitting, and performance reporting for MTN Benin Software Upgrade and MTN Liberia Adaptive Multi-rate (AMR) maintaining system stability and functionality.
- Managed the rollout of MTN Benin RAN Modernization, NSB Roll Out, and L1800 Activation to improve network performance and more efficient service.

## EXTRACURRICULAR

- Travel
- Volunteering for Social Activities
- Sports and Board Games