**FRU AWONDO** (Software Engineer)

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I am an experienced and highly motivated software engineer with strong analytical skills and a problem-solving mindset. I focus on using innovative technologies to solve real world problems. My ultimate goal is to increase efficiency in enterprises and boots customer retention by working with a team to build scalable enterprise applications. I develop new ways to do things and stay updated.

# TOP SKILLS AND PROGRAMMING LANGUAGES

Proficient**: Java 8+, C, HTML/CSS, Javascript, React,** **Next** **Js**, **React native, Java EE 8, Java**

**Server Faces, JPA, JUnit, Microservices, Weblogic, Linux, Oracle PL/SQL, PostgreSQL, ESB, Oracle BI, MySQL, REST APIs (JAXRs), Quality Assurance, Software documentation, Agile Methodology, Web development, Full-stack development, Oracle business intelligence, Software Quality assurance, Design Patterns,**

Familiar: **NoSQL, Apache Cassandra, Spring Boot, Python, Kotlin.**

# WORK EXPERIENCE

**Software Engineer. Ecobank November 2022 – Present**

**Software Development (RPA, Blue Prism)**

* Collect and document users' software requirements and develop logical and physical specifications.
* Research, evaluate and synthesize technical information to design, develop and test banking-based computer systems including mobile applications.
* Develop data, process and network models to optimize architecture and to evaluate the performance and reliability of designs
* Plan, design and co-ordinate the development, installation, integration of banking-based computer systems including mobile applications
* Assess, test, troubleshoot, document, upgrade and develop maintenance procedures for the banking software
* Lead and co-ordinate teams of information systems professionals in the development of software and integrated information systems, process control software for banking operations.
* Perform L1, L2 or L3 support on customer banking applications
* Put in place backup policies and execution plans to do disaster recovery in case of major incidents.
* **Knowledge and skills applied**: UML, Oracle Database, HTML/CSS, Javascript, ES6, Java EE 8, REST APIs, Java Server Faces, Business Objects Reporting, Robotic Program Automation (RPA), Blue Prism, Talend Studio (For Extract, Transform and Load), Micro Services, API integration, process flow management.

**Application Developer. National Financial Credit Bank SA. November 2019 – November 2022**

**Software Development**

* Oracle FLEXCUBE Universal Banking: Ensure that Flexcube services are up and running. Provide end-user support on Flexcube banking operations. Get user debugs and troubleshoot technical issues, administrate Flexcube database and monitor health of database jobs. Ensure financial operations are carried out successful.
* Online Banking Application: Develop app modules that permit customers to perform banking transaction online. Develop services that interact with external payment and banking systems.
* Application Design: Review technical specifications for new applications to be developed and ensure that the applications are customer centric.
* Develop auxiliary applications that ease bank processes
* Administration of existing bank applications
* Configuration and monitoring of ISO messages between ATM switch and core banking system
* Identify, research and resolve issues involving financial data errors during data processing and calculations, and coordinate with other teams to resolve any data processing or client issues.
* Ensuring that all digital banking transactions have been completed successfully (Left source and arrive right destination)

**Data Analysis / Product Design and Implementation**

* Write complex SQL queries to fetch data from database for analytical purposes
* Create real-time reports using oracle Business intelligence (BIP) tool
* Develop dashboards and charts for data
* Provide quality assurance of data extracted
* Analyze local, national and global trends that impact both the organization and the industry
* Prepare reports for the management stating trends, patterns and predictions using relevant data
* Working with programmers, engineers, and management heads to identify process improvement opportunities, propose systems modifications, and devise data governance strategies
* Assessing test results of developed applications and assisting with strategic decisions on new systems to be developed
* Provide technical expertise in data storage structures and data cleansing
* Analyze customer transaction profile and detect unusual transactions • Compiling and analyzing sales figures using business intelligence tools.
* Prepare final analysis reports for the stakeholders to understand the data-analysis steps, enabling them to take important decisions based on various facts and trends
* Participate in the product planning process to ensure that features requested are prioritized and implemented.
* Transfer of competence to boost the skills of team members.

**Central Bank Application Support**

Perform helpdesk support on the following applications

* SYSTAC-BEAC
* Fibane, TEG, BDP, CIP

* **Knowledge and skills applied**: Oracle Business Intelligence(BIP) UML, Oracle PL/SQL, Git, Java EE 8, PHP, MySQL Spring Framework, REST APIs, Java Server Faces, Junit, Jasper Report, Enterprise Service Bus (ESB), Weblogic, connection filtering, Linux, connection pooling and caching, IP addressing and subnetting

**Software Engineering Intern. MIT2 Sarl July 2019 – September 2019**

* School management system: Developed the school training module.
* Online Teachers Evaluation System: Developed the web evaluation module using PWA techniques.
* Time table Scheduler: Developed the module that schedule courses. Developed the mobile application that is used to consult the timetable.
* Work with senior developers to develop applications for customers
* Assist in the software development life cycle process
* Perform technical support on applications developed for customer
* **Knowledge and skills applied**: UML, PostgreSQL, HTML/CSS, Javascript, ES6, Java EE 8, REST APIs, Java Server Faces, Primefaces, React, React native, Next Js, JPA, Git, JUnit Jasper Report, Payara Micro, Netbeans.

# EDUCATION AND CERTIFICATION

**African Institute of Computer Science Cameroon. October 2016 – October 2019**

* Certificate: B.Sc. Computer Engineering.
* Programming Coursework: Algorithms and Data Structures, Object Oriented Programming, Application and Database Design, Database administration, Operating systems and networks, CISCO CCNA 2, Cryptography, Software development life cycle, Project Management, UML, GIS, Desktop, mobile and modern web development.
* Other Coursework: Communication Techniques, ICT Law.

**Google Africa Challenge Scholarship April 2020 – June 2020**

* Reward: Mobile Application Specialist.
* Coursework: Activity Layout and Lifecycle, Multithreading, REST APIs, Push Notifications.

**Customer care management by Ralds and Algate June 2021**

# PROJECTS

**Mobile Banking Application (NFC Bank Mobile banking)**

* Developed a mobile application module that post transaction to a core banking software using REST APIs. Ensured that Each financial transaction is atomic in its context.
* Developed gateway API for MTN Mobile and Orange money transactions
* Performed automated test on authentications servers
* Ensure traffic is redirected to node manages using load balancers
* Call REST API services that performs operations such as Funds Transfer (Internal and External), Bill payments. This service calls other external payment services for money transfer.
* Integrated wallet banking system to provide banking services and online payment services to the public.
* Performed UX (User Experience) analyses on bank’s mobile banking application
* Report technical issues customers face while using the applicationdepending on the support level (L1, L2 or L3)
* Integrated SMS and SMTP: Used for bulk SMS and email notifications.
* Integrated USSD service gateway to the existing online banking application

**Journal Entry Booking System**

* Developed a booking system that is used to pass vouchers as accounting entries using upload files to Flexcube core banking software.
* System ensures that all accounting entries booked are balanced
* Keeps track of all accounting journals that have been booked in the system• Used multithreading and connection pooling to optimize connection to database
* Used Java EE 8, Junit 5, Oracle database.

**Luumba E-Commerce** [**(https://luumba.com)**](https://luumba.com/)

* Designed and developed an E-commerce platform that makes shopping easier and provides a good shopping experience to customers.
* Provided a market place for customer to browse whatever product they want to purchase
* Makes purchase very easy for customers
* Integrated Freshchat for instant messaging with customers.
* Used React, Firebase, Git, React Developer Tools.

**Soft Skills**:

* **Quick learning,**
* Work under pressure,
* Time management,
* Attention to details,
* Excellent communication and presentation skills
* Collaboration and excellent team work
* Logical thinking, Systematic and logical approach to problem solving

**Languages**: English (native), French (Intermediate)

# INTEREST

* Career growth
* learning new things
* **Innovation**
* Travelling and extra-curricular activities
* healthy lifestyles and sports.