

David Emeka Nwoji

SOFTWARE ENGINEER(Creator of Union Archival Application)

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Summary

I seek to further a remarkable career by providing the support needed to drive excellence, professionalism and profitability within your organization, whilst ensuring unparalleled services to her clients towards the achievement of her goal.

Work experience

SOFTWARE ENGINEER

2021 - Present

UNION BANK OF NIGERIA

- Development and advanced support of ATM Union Archival Solution for all Brands of ATMs which stores all Journals and footages.
- Development and Support of ATM/IT Inventory application for the IT Department.
- Development of Banking applications using Spring Boot framework
- Deployment of completed Spring Boot Applications
- API development for applications

ATM UNIT DATA ANALYST

2019 - 2021

UNION BANK

- Power BI dashboard creation for all vendors in the Bank. This was linked to my data warehouse for all vendors and refreshed whenever a review on performance is to be done.
- Performance analysis of ATMs and vendors in the Bank's network.
- Give 2nd Level Support to Banks ATMs and Applications such as iSuite(DB/Application server).
- Ensuring all ATMs within the Bank's estate are protected using solidcore, while also tracking to resolve solidcore issues on ATMs such as corrupted disk issues and other solidifying issues.
- Ensure all PCIDSS and general exceptions on ATMs are addressed as soon as discovered.
- Identify E-payment Platforms Problems and Rectify it to Keep System Uptime.
- Manage Large Electronics System Development and Deployment.
- Electronics hardware Support and Troubleshooting to Component Level.
- Keep Track of all Allocated resources and Project Deliverables.
- Manage and Support Engineers and Application Users.
- Manage Bank`s Payment & Channels Infrastructures.
- Networking & Configuration of Branch and Offsite terminals.
- Users System Support and Configuration.
- Closure of Security Breaches & Exception with Installation Patch Updates.
- Coordinate and Support It Regional Reps and Leads.
- Development, Implementation and Configuration of Robotics Automation Process.

Skills

Java Spring Boot Framework



- Spring Web
- Spring Security
- Thymeleaf
- Spring Data JPA
- Hibernate

Node.Js



Backend language

Application Development



HTML, CSS, PHP, Javascript(Jquery), React

APIs



Creating APIs using Spring Boot framework

MySQL



Database Management
Querying Databases

Java



Programming Language

Microsoft Power BI Desktop



Data Analysis and simplicity using the Microsoft Power BI Desktop.
Creating relationships between several variables on an Excel document.
Creating 3D pictorial representation of data from a document.
Linking Power BI to databases/data warehouses for automatic updates on specific reports.

- Install Troubleshoot, Diagnose and Manage all Hardware and Software Systems.
- Manage & Develop SLAs for Service Providers.
- Create, Manage & Support Users on Active Directory for all integrated applications.
- Software, Application, Data Backup and Restore, Cloud Storage and Computing.
- Branch and Offsite Networking and Application Management
- Software & Hardware Repair, Configuration and Management
- Implement and Integrate New Solution to Core Banking Application.
- Develop & Manage Bank`s Payment Network Platform.
- Develop & Design Process for Issue and Problem Resolution
- Train Users & IT Technical Support Team.
- Ensure all Payment Channels Maintain 98 Percent Uptime.
- Advise Management on Process Improvement and Execution.
- Install, Repair & Support all ATM Brands, Payment Channels & Terminals.
- Manage & Support Switches, Gateways and Monitoring Servers.
- Ensuring all ATMs are on the domain with updated patches, antivirus and
- Managing secretariat for the CIO and reports of all projects and tasks within IT while ensuring IT exceptions raised are resolved within stated timelines

ATM HARDWARE/SOFTWARE ENGINEER Mar 2017 - September 2019

Universal Horizon Limited

- ATM(Wincor Nixdorf and NCR-S2) repairs and Maintenance within agreed SLA(Hardware and Software).
- Carrying out preventive maintenance and health checks on various terminals within specified time frame.
- Troubleshooting and software installations on terminals under my care.
- Filling Job completion forms after every successful operation.
- Providing remote support to the bank's ATM custodian when an issue arises.
- Escalating bank related issues on each terminals to the bank's HQ.
- Installation of specified Bank's images on each terminals.

DATA ANALYST (INTERN)

July 2016 - Dec 2016

IGANDO-IKOTUN LOCAL COUNCIL DEVELOPMENT AREA

- Data collection and analysis for the LCDA using analysis software like Excel and SPSS.
- Analyzing total revenue generated by the LCDA every quarter.
- Analyzing the total number of businesses and organizations within the LCDA to determine the actual revenue generated quarterly.

Education

National Youth Service Corps

2018 - 2019

Universal Horizon Limited

Repairs and maintenance of ATMs within Oyo state

B.Tech

2012 - 2017

Creating DAX/queries from the DB for required data to be analyzed on BI.

FEP TOOLS



POSTILION

Microsoft office



Microsoft word, Microsoft excel, Microsoft PowerPoint

ATM Engineering (Wincor Nixdorf, Diebold, Hyosung, NCR)



Repair and Maintenance(Hardware and Software)
Cassette repairs and refurbishment.

Telecommunication Engineering



Microwave and Fibre optics transmission

Profile

Sex: Male

State of origin: Delta

Local govt of origin: Oshimili north
Local Government

CERTIFICATIONS

1. Diploma in Application development

- Megatech institute, Mar 2021

2. Training in Microwave and fibre optics transmission

- Neonet technologies(in view)

3. Training in Hyosung ATM model

- Inlaks (Feb 2020)

4. Training in Microsoft Power BI Desktop Application

- Tech for charity (July 2020)

5. Diploma in React

- Udemy, 2021

WASSCE

2006 - 2012

Saint Saviours' High School

WAEC

Primary school leaving certificate

2000 - 2006

Saint Saviours' Nursery and Primary School

Interests and activities

Chess, Karate, Travelling, Reading

ACHIEVEMENT(S)

1. Development of Archival solution for all Brands of ATMs which is capable of extracting Journals and footages from ATMs. This has saved cost of 30 million naira annually for the Bank for support fees to third party vendors to use their application as well as ensuring data is preserved from unforeseen circumstances of crashed hard disk on ATMs, software issues or other issues.
2. Development of an Inventory app for the IT department in Union Bank using React which is able to store data of all items owned by the IT department bank-wide and used to track movements of assets from one branch to another Branch while also knowing quantity of procured ATM parts remaining in the store.
3. Creation of Skipping journal software used for addressing cases where journals would go missing without any trace due to power issue or abrupt shutdown.
4. Development of a Power BI Dashboard to analyze Vendors' monthly performance by creating a relationship between the vendors on Power BI and their Data on excel while also indicating regions in the country(using the map function) that had high record of fault calls. This aids easy review of our ATM Vendors just at a glance for easy track of ATMs/Regions that would need proper focus and attention for the next month.
5. Union Bank ATMs topped the charts in Uptime and Transaction count for all ATMs across all banks in year 2020.
6. My team and I were able to calculate the total revenue generated by Igando-Ikotun Local council development area in 2016 using SPSS and Excel tools from data collected, which led to proper revenue accountability.

Projects

1. <https://app.powerbi.com/groups/me/reports/497cf023-2f81-4fa9-91cb-6719608032a5/ReportSection2f96cc1818855692daca>
2. Development of Inventory app for IT Department
3. Development of Union Archival application; an application for the extraction and storage of journals and footages for all Brands of ATMs which saved cost for the Bank from using iSuite.
4. Worked with the Team in activating the Biometrics service for ATMs
5. Worked with the Team in installation and setup of ATM Monitoring tool to monitor status of all ATMs Bank-wide.

Awards

- 1. CIO Award 2021 for the creation of the Union Archival application