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Top Skills

Databases

Oracle

MySQL

Certifications

Oracle Certified Professional - OCP
Information Technology
Infrastructure Library - Foundation
(ITIL)

Publications

Improving human resources planning and management with Information and Communications Technology in Nigeria: From paper to Web-based information system.

Damilola Awe

Java8x|JEE|Full Stack. Java Microservices|SpringBoot. Flutter|iOS|
Android DevOps|DevSecOps.

Summary

My name is Awe Damilola, founder and CEO of Centrifuge Information Technology Ltd, one of leading ICT firm in Nigeria.

I have well over 16 years of enterprise system modeling, designing, redesigning, developing and implementing majorly Java and JEE platforms.

I am an experienced java developer with hybrid mobile REST Oracle MAF MCS technology.

Experienced in analyzing complex business processes, designing and redesigning complex software components and applications. Highly flexible and competent in developing modular and reusable code base application systems.

I have worked with open sources applications servers like Apache Tomcat, Glassfish. Legacy servlet applications like Weblogic. Oracle WebCenter Suite. Oracle Service Oriented Architecture SOA, Oracle Security 12g.

My tools include Jdeveloper, Netbeans, Eclipse.

I confidently administer and manage the following data systems Oracle (Certified PL/SQL, 12g , MySQL, MSSQL, PostgresSQL. I have predominantly experience with JSF frameworks like Primefaces,ADF with more than 25 applications developed and deployed. I am fully JEE 7&8 (JMS, JDBC, JTA, JTS, JCA) competent with JSE 1.8 and above, JPA, Spring framework, Spring boots, Web Services, AWS (ECS,ELB, RDS etc). JUnit, Maven, microservices.

I use Oracle MAF to develop more than 6 cross platform native applications.

I have managed applications developed with all the above tools and frameworks. I have also conducted trainings on them for over 1500 clients and still growing.

I adapt very quickly to new environment and my delivery periods are firm and justifiable. I have worked and delivered on projects satisfactorily across the states in the country, West Africa and other african countries.

Experience

Centrifuge Group

12 years 9 months

System and Software Architecture Specialist

September 2007 - Present (12 years 9 months)

Abuja NG

- * Design, develop and test reliable and reusable code
- * Provide client support to troubleshoot bugs and performance issues within applications and devise solutions to these problems.
- * Analysis of requirements, user interface sketches, estimating and solution proposals
- * Providing database support and data fix analysis and remediation
- * Writing, updating and maintaining documentation
- * Prepare detailed specifications for programs.
- * Solve existing system's logical difficulties as required.
- * Improve and/or develop computer systems to meet users' needs by finding solutions, solving complex or moderately complex problems, making estimates concerning work to be done, programming, testing, debugging, and documenting systems.
- * Take part in all project phases to ensure project completion by cooperating with and offering advice to users, meeting deadlines, and communicating status reports.
- * Make sure that systems are optimal and meet the quality standards of the business area by making analyses and suggestions and developing assessments.
- * Provide recommendations to improve development and system maintenance processes.
- * Create system design documentation outlining overview, diagrams, and designs specific to users, application system, and technical requirements.

- * Perform coding, unit testing, debugging, documenting, and implementing of applications and scripts in collaboration with quality assurance.
- * Analyze existing or proposed projects to determine their feasibility and time estimates required.
- * Evaluate existing and new applications and upcoming technologies to meet user requirements.

Chief Executive Officer/Group Managing Director/Grand Partner
2009 - February 2016 (7 years)

Abuja NG

Developed an enterprise Human Resource for Health for the Government of Nigeria, currently in use in five (5) states of the country.

Visit the online community to learn more. www.gopherwoods.com

Overall responsibility for Team success by agreeing, implementing and monitoring individual and Team objectives and targets whilst ensuring CITL policies and procedures are adhered to. Create and maintain information technology project plan that communicates tasks, milestone dates, and status and resource allocation. Utilize software life-cycle methodology. Coordinate delivery of development (beta) and production releases that meet quality assurance standards. Assist technical team in design and development tasks. Assist test team in creating test plans and testing efforts.

Plans and schedule project deliverables, goals, milestones

Manage the performance of services to clients as agreed in the contract and ensure that the Service Levels are achieved

To ensure that systems, processes and methodologies as specified are followed to ensure effective monitoring, control and support of service delivery

Develop a Software System assessment check list that can be used to confirm the availability of basic requirements recommended, in order to ensure easy & successful implementation before installation to avoid system breakdown and discontinuation. Administer the checklist at every point of installation.

The Carter Center
Training and Development Lead
January 2019 - June 2019 (6 months)
Greater Atlanta Area

In collaboration with the Nigeria Public Health Training Initiative (NPHTI) and Federal Ministry of Health

- Developed instructional training (ICT) curriculum for the training of faculties under the NPHTI in six (6) public health training institutions, such that serves to adapt pre-service education curricula to reflect local health and cultural contexts.
- Designed and delivered in-service training to support continuous professional development of frontline health professionals, in six (6) public health training institutions in Akwa Ibom, Gombe, Imo, Ogun, Plateau and Sokoto States
- Trained Nigerian faculty in state-of-the art teaching methods using
 - o Google classroom (Google forms and custom tools)
 - o Online collaboration tools (e.g. Google Apps)
 - o Course management tools
 - o Clickers and smart phones
 - o Email communication
- Enhanced the physical environments where faculty teach, and students learn
- Monitored, evaluated, and assured the quality of NPHTI's contributions to transforming the public health education system

World Health Organization (Global Service Centre - Malaysia)

Lead HSS Consultant

June 2016 - September 2016 (4 months)

Freetown Sierra Leone

- Supported the management of data elements, data entry forms, validation rules, indicators and reports in order to create a fully functional Sierra Leone HMIS for robust data management at all levels of healthcare in the country.
- Supported bug fixing and troubleshooting for the DHIS2
- Supported the management of the list of reporting organizations and facilities in the DHIS2
- Supported the implementation of relevant apps/modules and other functionalities
- Supported configurations required for optimal functioning of the system
- Supported the training of health workers, staffs at National, DHMT and Health Facility level.
- Built the technical capacity of the ICT team to maintain and sustain the backend of DHIS2 system.
- Built the capacity of the ICT team and MIS of the DPPI MoHS on advanced features of DHIS2 like creating custom forms, building database validations.

- Reviewed and implement methodologies of managing DHIS2 system like user creation and accessibilities.
- Performed a clean up of duplicate and redundant meta data in the system like data element, facilities.
- Worked and completed the eIDSR forms.
- Initiated the configuration and customization of the SARA tools.
- Developed and customised integrated logistics and supply chains using dhis2 msupply.
- Worked with the HMIS team at the MoHS to review and update current SOPs on DHIS2 data capture, processing and storage;
- Reviewed and updated current data entry screens using the recently printed monthly DHIS2 reporting forms.
- In close coordination with HMIS team, “Cleaned” data system ensuring that all obsolete/duplicate files and records (including records for non-operational health facilities) are deleted from the system.
- Identified and recommended additional options for the data management system, including to automate the collection and reporting
- Led training on DHIS2 for HMIS staff over a 5-days period. This comprised HMIS data team, District M&E Officers and Data Entry Operators)

Heartland Alliance for Human Needs & Human Rights

Lead Consultant

April 2016 - May 2016 (2 months)

Abuja Nigeria

1. Developed an easy to use and flexible M&E database for HAI using the District Health Information system (DHIS) platform.
2. Built capacity of relevant staff to create and modify data elements in the database.
3. Traveled to two (2) states (Benue and Cross River) to conduct trainings.
4. Took cognizance of the existing program specific M&E framework, determined how the key data elements can be integrated into the DHIS software which will be known as the “Heartland Alliance International Design, Monitoring, Evaluation, and Learning System” or “HAI DMEL system.”
5. Created a data for M&E using DHIS platform and ensuring the following:
 - a. The capture of all facilities in HAI-supported Local Government Areas (LGAs.)
 - b. Categorizing all facilities in the states according to level of care, LGAs, clusters, type, exact location, ownership, and any other pertinent information for precise cataloging in the database.

- c. Ensuring the capture of selection HAI program data elements including logistics data elements in the database.
 - d. Create of appropriate data entry form in the software.
 - e. Making provision for appropriate composite indicators as necessary.
 - f. Ensuring appropriate validation rules exist to capture qualitative data.
 - g. Integrate mapping capability into the database.
 - h. Integrate multiple dashboards into the database.
 - i. Create modules to capture data from surveys and assessments encompassing standard and HAI surveys and assessments.
 - j. Populating the database with already existing programmatic data from the M&E data.
6. Built capacity of relevant HAI staff to use the created database through:

Key Deliverables and Outcomes

This activity led to the creation of a simple, effective and easy to use M&E database for HAI.

Relevant staff were trained to use the database to create new data elements and organizational units, enter and analyze data and troubleshoot the database.

NAFDAC Nigeria

Lead Solution Consultant

December 2013 - March 2016 (2 years 4 months)

Abuja NG

Harmonized reporting tools and templates from the 12 NAFDAC directorates

Customized and Implemented DHIS 2.15 form templates for planning, research and statistics service routine tools for Laboratory services, drug and food, port inspection, food safety and applied nutrition, narcotics and controlled substances.

Developed and set up a unified real time dashboard component integrated in DHIS2.15 that streams product information from the different directorates for decision making and planning.

Developed a process based tracking module that monitors product registration, approval flow, notification and feedback.

Implemented a DHIS2.15 J2ME GPRS/3G with SMS transport.

Developed and integrated module for interoperability with structured systems using web services

Management Sciences for Health

Independent Software Consultant (PLAN-Health)

November 2013 - August 2014 (10 months)

Port Harcourt, Gombe, FCT

Developed enterprise web based application for processing clients' registration for medical services in community hospitals.

Incorporated Payment History and SMS notification

Implemented Biometric (finger print) and Image authentication

Implemented mobile responsiveness

Native Mobile registration and processing with android kit kat OS.

Abt Associates

Software Engineer

December 2012 - March 2014 (1 year 4 months)

Abuja NG

Conducted scoping mission for five State Ministries of Health to assess and analyze existing human resources administration, procedures and processes, IT infrastructures and software, data collection templates and tools

Developed robust web based software for capturing and reporting employee biodata, employment history, educational history, professional qualifications, registration and status in public and private sectors.

Developed a functional analytical reporting system customizable for analyzing distribution, density of health workers and their disciplines.

Developed SDMX, DXF, CURL DHIS2 standard data interchange protocol for aggregate data transfer from HRHIS to DHIS2

Developed administrative portal to monitor the data exchange between the various HR databases and main HR

Conducted capacity building for State Ministries of Health, Local Government Area health managers, IT coordinators, system specialists, HR administrative officers

FHI 360

Software Engineer

January 2012 - December 2013 (2 years)

Abuja NG

Created data dictionary of MAPS program indicators and data element including supported facilities in 8 states.

Programmed and developed MAPS specific tools using DHIS2 custom data entry module for the GF Malaria program.

Worked with national HMIS consultants to program and develop national HMIS tools on MAPS DHIS2 instance.

Created interactive dashboard that report program monitoring indicators.

Conducted capacity building for HMIS officers, monitoring and evaluation officers, program officers and data entry officers at MAPS supported States and Local Government Areas

Planned Parenthood Federation of Nigeria

Software Engineer

July 2012 - December 2012 (6 months)

Abuja NG

Created data dictionary of PPFN program indicators and data element including supported facilities in 18 states.

Created data dictionary of PPFN service based intervention

Programmed and developed PPFN service and routine specific tools using DHIS2 custom data entry module.

Deployed the customized DHIS2 instance on the cloud.

Created an offline analytic reporting tool with pivot table.

Created interactive dashboard that report program monitoring indicators.

Conducted administrative and programmatic capacity building for PPFN country office, state IT staff, monitoring and evaluation and program officers

Provided six (6) months post deployment support for PPFN in 18 states.

Society for Family Health Nigeria

Software Engineer

September 2010 - October 2012 (2 years 2 months)

Abuja NG

Created data dictionary of SFH program indicators and data element including supported facilities in 36 states.

Worked with SFH sub recipients to implement and deploy DHIS2 ACOMIN, Intergender, Africare.

Programmed and developed all SFH Global Fund (GF) specific routine tools using DHIS2 custom data entry module including dataset from other SFH projects. GF HIV, Women Health Project (WHP), Enhanced National Response (ENR), Gombe Gates Project.

Deployed DHIS2 on a distributed two – tier architecture.

Deployed incidence database software (Jtrac) for monitoring and reporting technical and general issues for resolutions

Created an offline analytic reporting tool with pivot table.

Created interactive dashboard that report program monitoring indicators.

Conducted administrative and programmatic capacity building for SFH staff, Sub recipients.

Provided two years post deployment support in all supported 36 states and local government areas.

Institute of Human Virology Nigeria

Software Engineer

July 2012 - August 2012 (2 months)

Abuja NG

Created data dictionary of IHVN program indicators and data element including supported facilities in 16 states.

Programmed and developed IHVN specific routine tools using DHIS2 custom data entry module.

Deployed DHIS2 on a distributed two – tier architecture.

Created an offline analytic reporting tool with pivot table.

Created interactive dashboard that report program monitoring indicators.

Conducted administrative and programmatic capacity building for IHVN country office IT staff, monitoring and evaluation and program officers

Abt Associates

Software Engineer

November 2011 - June 2012 (8 months)

Abuja NG

Created data dictionary of PATHS2 program indicators and data element including supported facilities in 5 states.

Programmed and developed PATHS2 HMIS specific tools using DHIS2 custom data entry module using the national HMIS metadata.

Worked with national HMIS consultants to program and develop national HMIS tools on PATHS2 DHIS2 instance.

Created interactive dashboard that report program monitoring indicators.

Install and train DHIS2 on LGA MandE Officers to manage the DHIS2 software

Conducted capacity building for HMIS officers, monitoring and evaluation officers, program officers and data entry officers at PATHS2 supported States and Local Government Areas

Pact

Software Developer

March 2011 - September 2011 (7 months)

Abuja NG

Created data dictionary of PACT OVC and HIV program indicators and data element including supported communities in 4 states by the community based organisation (CBO).

Worked with MandE staff to review paper based data collection and summary tools for the REACH Nigeria programme

Programmed and developed all PACT OVC and HIV routine tools using DHIS1.4

Installed and configured customized data capture screens on all the CBO (over 120) systems.

Created an offline analytic reporting tool with pivot table.

Conducted administrative and programmatic capacity building for PACT staff, CBOs.

FHI 360

Senior Database Officer

October 2006 - September 2009 (3 years)

Developed from scratch to end national kidMAP software (an Orphan and Vulnerable Children software) for the government of Nigeria through Family Health International – Abuja Nigeria.

Developed a data and service quality assessment database for FHI – Nigeria on desktop and PDA phone.

Developed and implemented a PDA windows mobile vehicle licensing and particular validations for vehicle Inspection Company. Database (Oracle) server implementation inclusive. C#, Pocket PDA, Window CE 2.0 – 3.5

Developed and implemented MIDP, CLDC, Windows mobile image capture and sending over the http for road safety. Database (MSSQL) server implementation inclusive.

Implemented a web health application for a large Non governmental organization. Java tech, MySQL, BIRT

Developed a c#.net window application that captures and historically keeps orphan and vulnerable children information.

Develop advanced PDA mobile for Quality Assessment (Data and Service QA) information in all the region of the country including remote areas.

Expertedge Software and Systems Ltd, Lagos

2 years 1 month

Support and Configuration Management team leader

July 2005 - September 2006 (1 year 3 months)

Lagos Nigeria

Developed definitions and documentations of business requirements

Elaboration, follow-up of project plans

Identification of development opportunities

Received, checked documentation and install new and updated software applications received from central development team for use on site.

I documented and implemented a relevant level of software validation testing and version control prior to release into production environment.

ICT expert and centre of technical excellence for one or more major critical corporate application suite(s) and provide first line support and advice to users on the proper and effective use of the application software to meet their business needs.

I was responsible for the management of all application development of application software suite(s), managing the operating environment, application maintenance, application security and general housekeeping of designated application(s) to ensure service continuity.

Planned, implemented new system application into the company's software suites proactively using technical knowledge to drive change and innovation in the delivery of the service working on own initiative.

Managed Customers and Users expectation of Releases and roll-outs.

Technical/Operational support in a 24x7 critical application and data environment

Software Application developer/Database (Oracle) Administrator
September 2004 - June 2005 (10 months)

Lagos Nigeria

Installation, upgrades, cloning, patching, bug fixing and Configuration of all Linux/Sun Solaris Versions for Oracle database.

Designed solutions and the support process and tools for Oracle applications

Linux/Unix Shell Scripting and Debugging.

Oracle backup & recovery fundamentals, data modeling & database design, performance tuning & analysis, database disk space maintenance (including tablespace, table, index reorganization and trace file cleanup), Oracle software installs, applying database server software updates & patches, creating database objects (e.g. users, roles, tables, indexes), performing database loads, migrating databases between servers, removing discontinued databases, reporting and querying).

Application Testing and Deployment (All applications purely Java)

PROJECTS HANDLED

Designed, Installed and Managed OLTP database (oracle 9i) of not less than 1TB of data hosting 2,700 users for 3 financial institutions.

Full lifecycle development phase of web based MIS application for Finance Institution capturing budgeting, Profit and Loss, Income and Expense.

Developed database programming scripts with SQL Loader to perform vendor-centric data migration from MS SERVER 7 to Oracle 9iR2 database.

Automate oracle database background processes with unix scripts loaded into crons.

Installed and Configured RedHat Linux Enterprise Server 4 RHEL ES4 operating system for web server and oracle database for banking application.

Installation and configuration Oracle Database on RedHat Linux Enterprise Server 4 RHEL ES4.

Working hand in hand with the application development team to handle all database issues in all our client sites.

Developed a Real-time (2mins variant) Database Replication for Finacle banking Solution.

Multiplex Database Migration for e-Banking Software application.

Developing and Integrating KIOSK application to an Online Banking Solution enforcing online transaction from a touch screen system.

Kewalram Nigeria Limited

Oracle Database/Apps Developer

November 2002 - August 2004 (1 year 10 months)

I Provided and ensured adequate technical support to all our clients nationwide guaranteeing effectiveness and flexibility of MAPS application

I developed for the Group a centrally-controlled automated credit limit allocation system.

I with a team of 6 members migrated all MAPS application modules well over 65 forms and 128 Oracle reports from 4.5 to 6i and 9i, with improved customized user friendly interface.

I handled System configurations and migration initiatives to enforce controls and enhance systems integrity.

I developed, Designed, implemented and maintained company applications for clients for optimal scalability and effectiveness.

I performed and automated administrative tasks with custom administrative tools

I handled the overall database backup and recovery for the group using RMAN and scripts on Linux and Window Boxes.

I performed from time to time oracle database monitoring, optimization, transferring and migration using Application Management/Monitoring Solution Suite provided by advent for application monitoring.

Performed support functions down to the last line of support before escalating to supplier

I coordinated the inputs into planning/designing of DBA implementation according to standards and guidelines

Performed functionality and acceptance tests with respect to DBA implementation.

Analyzed incidents/requests/problems on the databases and proffered solutions.

Developed, designed, and managed remote database/servers (.6TB of data) for data accessibility, accuracy, availability, integrity and security throughout the year and from year to year.

Designed, developed, modified and deployed application modules and reports.

I ensured that all application designed, developed and deployed are up, working optimally, effective and scalable.

Education

Northeastern University

MPS, Enterprise Artificial Intelligence · (2019)

University of Eastern Cape

MSc, Informatics · (2005 - 2006)

British Computer School

Information Technology Infrastructure Library Certified, Library and Information Science · (2004 - 2004)

Oracle University

Oracle 9i Certified Professional, Application Development and Database Administration · (2002 - 2003)

University of Lagos

MSc, Information Technology · (2006 - 2007)