

Emmanuel Nnajiofor, Senior Software Developer

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LINKS	LinkedIn , Website	
PROFILE	Software Developer & Health Informatics Specialist with expertise in data-driven strategies for healthcare programs. Adept in data science, software development. Expertise in React-js Frameworks, e2e testing and User Interface Development; DAVT, DHIS2, SORMAS. Proven success in diverse projects, enhancing performance and security. Agile methodology advocate and collaborative leader.	
EMPLOYMENT HISTORY		
2023 — Present	Senior Software Developer/Health Informatics Specialist -The Palladium group/ USAID Data.Fi Project Abuja	- Served as the product owner for multiple applications, ensuring smooth UI/UX implementation. - Developed Interactive Dashboards – Built real-time data visualization dashboards using React and Chart.js to enhance decision-making - Architected a modular, micro-frontend framework that reduced code duplication by 40% while accelerating the deployment of new health informatics features. - Pioneered the integration of QGIS maps and assets for M&E/activity reports. - Pioneered the development of a dynamic survey interface with React and TypeScript, streamlining data capture and improving collection accuracy by 25%. - Mentored and coached junior developers on modern frameworks and best practices, building a high-performing team that delivered projects ahead of schedule. - Facilitates communications, updating trackers, and providing reports of Data.FI TA support updates to PMU unit at NCDC. - Leads all Software development, Data use, and Data quality capacity training sessions for the Surv. unit at NCDC. - Collaborated with the Surveillance unit at NCDC to develop and deploy 22 priority disease-specific CIFs on SORMAS. - Supported SORMAS disease-specific CIFs pilot testing in 3 states. - Supports bootcamps and capacity-strengthening activities for the LAMISPlus CoP. - Designed the LAMISPlus CoP website. - Developed CSPro survey questionnaires for the National VC Survey; supporting a pilot survey in 6 geopolitical zones. - Conducted CSPro trainings for selected Federal Ministry of Women Affairs staff. - Developed and deployed the Viral Hepatitis and OTZ modules on the LAMISPlus web. - Debugs and resolves logged issues on SORMAS. - Developed a python script framework for aggregating state COVID-19 vaccine data for Data.Fi/USAID supported states. - Assists the Data use team in Power BI & Tableau dashboard development and deployment.
Apr 2022 — Dec 2022	Software Engineer - Licorne Technologies	Abuja - Working as a collaborator for developing mobile User interface with Typescript React-native. - Managed development processes whilst serving as product owner for all in-house software product - Developed and implemented a real-time data visualization dashboard using React and Chart.js, allowing management to track key metrics in real-time. - Managed issue board (Jira) for REAPS, DISREG (Disease registry) and Reporta Health app. - Optimized the company's web application for performance, resulting in a 50% reduction in load time using React.js, webpack and other tools
Sept 2019 — Mar 2022	Full-Stack Developer, Licorne Technologies	Abuja - Implemented advanced data analysis techniques using tools such as Python, R, and SQL to derive actionable insights from complex datasets. - Developing internationalization and localization features using react-i18next - Collaborated with stakeholders to identify data needs, ensuring alignment with project objectives and outcomes. - Deploying of website/ web application on AWS (Multi-AZ & Multi-Region) to ensure high availability and low latency. - Implemented data caching for server-state in the React-js Application using React-query, resulting in a 30% reduction in time for adding features

SKILLS	EViews	Expert	Quantum GIS	Experienced
	Research	Expert	Java	Expert
	Git	Expert	JavaScript	Expert
	SQL	Expert	Microsoft Office tools	Expert
	CSPPro	Experienced	Python	Expert
	C#	Experienced	Power BI	Experienced
	DHIS2	Expert	Tableau	Experienced
	SORMAS	Experienced	EMRs	Experienced

EDUCATION

Oct 2012 — Dec 2016
State

Bachelor's Degree, Economics, University of Calabar

Calabar, Cross River

LANGUAGES	English	German	Beginner speaker
	Native speaker		
	French		
	Very good command		

COURSES

Dec 2023	M&E Fundamentals, USAID
Dec 2023	HISP GEN-D001-en: Introduction to DHIS2, DHIS2
Dec 2023	DHIS2 Online Academy GEN-D002-en: Aggregate Data Capture and Validation Fundamentals, DHIS2
Dec 2023	DHIS2 Online Academy GEN-D003-en: Aggregate Data Analysis Fundamentals, DHIS2
Jan 2024	Data Use for program managers, USAID
Nov 2023	AFRO IDSR Course 1: Introduction to IDSR Technical Guidelines 3rd Edition, WHO
Nov 2023	AFRO IDSR Course 2: Identifying, recording, reporting and analysis of priority diseases, conditions and events, WHO
Dec 2024	AFRO IDSR Course 3: Investigating, preparing and responding to outbreaks and other public health events, WHO
Nov 2023	AFRO IDSR Course 4: Monitor, supervise, evaluate and use electronic tools in the implementation of the IDSR Strategy, WHO
Nov 2023	PEPFAR Data Governance Guidance, Datim.org
Jan 2024	Data Quality, USAID

Dec 2023	Learning QGIS, LinkedIn Learning
Sep 2019	Data Analysis with Python, IBM
Sep 2023	Data Science & Analytics Intro, IBM
Sep 2023	Python for Data Science, IBM
May 2023	English speaking -B2-C1, Emersion

REFERENCES

Ilozue Chukwuemeka from The
Palladium group/Data.FI

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Mohammed Dalhatu from Georgetown Global Health Nigeria (GGHN)

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