

Ezekwe Johnbosco

Software Development Lead

Personal Profile

I am an accomplished Full Stack Software Developer with a strong passion for crafting software solutions that address immediate and long-term needs. My career spans over 8 during which I have gained extensive experience in software design, development and implementation. I have 5 years of experience designing and building Mobile applications, 3 years experience in creating survey tool with CSPro. My core technical skills encompass ASP .NET and .NET core frameworks, Java (android) and working in Agile development environment. I have additional experience working in divers international environments, gaining valuable insights and cross-cultural experience in countries such as Zambia, Malawi, Botswana and Kenya.



Work History

Health Informatics Lead

Botswana University of Maryland School of Medicine

April 2023 – till date

- Leading the development effort of the Patient Information Management System (PIMS)
- Developing a survey monitoring application (StudySpace) for real-time monitoring of survey activities

Regional Software Developer Manager

University of Maryland Baltimore

Feb 2021 – May 2023

- Lead the team that developed monitoring system for a Covid 19 Cohort Event Management study in Nigeria. Was able to integrate study data to the NAFDAC/WHO national vaccine monitoring system (VigiFlow).
- Designed and developed study systems for a Covid 19 household based seroprevalence study of 3400 sampled households.
- Developed a real-time activity management system for HIV PHIA population-based study in Nigeria, Zambia and Botswana.

Software Developer/Health Informatics Specialist

University of Maryland Baltimore (Nigeria Program)

Sept 2019 – Feb 2021

- Was part of the team that implemented the NigeriaMRS, a fork of OpenMRS customized for Nigeria hospitals.
- Was part of the team that developed the Nigeria Data Repository (NDR 3.0) for the SHIELD PEPFAR supported project.

- Lead the team that developed a sample tracking and result returning system (STaRT) for the Malawi ministry of health.
- Developed and Managed an Enterprise Resource Planning system for RACIDA international in Kenya.
- Developed a logistics management system for managing laboratory and other supplies for the Population HIV Impact survey (PHIA)

Software Developer Associate/Health Informatics Officer

University of Maryland Baltimore (Nigeria Program)

Oct 2016 – Sept 2019

- Worked with the team that inherited the National Data Repository (NDR 2.0) and maintained the system to support PEPFAR program reporting.
- Built Visualization dashboards and wallboard for various programs like the SURGE project, Community ART study project, HIV Key population study, etc.
- Built survey data collection tool (Encuesta), for dynamic form building using an excel template.

Software Developer intern

University of Maryland Baltimore (Nigeria Program)

Dec 2015 – Oct 2016

- Built a HIV testing service application for managing HIV testing record keeping and reporting.
- Built a disease reporting/monitoring tool (MSERS) for NCDC
- Built a drug reporting tool (AMC) for reporting drug consumption in Nigeria.

Academics

UNICAF University Zambia

Master of Business Administration - Management Information Systems, 2021

Federal University of technology Minna

BEng Mechanical Engineering, 2015

Skills

- Team Collaboration
- Critical Thinking
- Software Engineering
- Agile Development
- Quality Assurance

Expertise

- MSSQL, MySQL, PostgreSQL, Cosmos Db, Mongo Db
- JavaScript (Angular JS, React native)
- C# (ASP.NET, ASP.NET Core, VB.NET)
- Java (Spring, Android)
- Docker, Rabbit MQ, IdentityServer4, CSPro

Contact Mobile

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References

Available on request

Fun fact

I play Volleyball well.

I love visiting new places/countries.