

IKENNA EMMANUEL

0546245975 | emmanok4real@gmail.com | [GS-0025-2149](tel:0546245975) | <https://ikennaemman.dev>

SUMMARY

I love thinking through problems and coming up with workable solutions, and I get to do this through my work as a software developer and technology implementer. I have leveraged my experiences in building one of the best:

- Rapid Application Development tools **RadSystems**
- Location Based/GIS Platform **AsaaseGPS** and **GhanaPostGPS**
- SMS, USSD and Voice Applications for Afrifanom Limited
- Telecom Data Purchase Service **MTNHoods**
- Music Streaming Platform **Lalafio**

I love to build systems that bring abstract algorithms to real life for the technological ecosystem in Africa and beyond.

PROJECTS UNDERTAKEN

- RadSystems (Rapid application development studio)
- PHPRad Vue (A Desktop Application for Rapid Application Development)
- PHPRad [Classical] (A Desktop Application for Rapid Application Development)
- National Digital Property Addressing System, GhanaPostGPS (Lead Developer)
- National Emergency Systems integrated in Ghana Post GPS (Lead Developer)
- NABCO National Digital Addressing System (Lead Developer)
- Vodafone Ghana Music Awards SMS Voting Game Development
- Daily Graphic Devtraco Promo System (MTN and Vodafone)
- MTN Hoods
- Online Admission processing System for Bluecrest College Ghana
- Online Admission processing System for Kings College Ghana
- Online Admission processing System for Accra Institute of Technology Ghana
- E-library system for Accra institute of Technology
- Website for Galaxy School international
- Online Shopping System for Auto Spare Parts (Abosseyokaionline.com.gh)

PROFESSIONAL EXPERIENCE

Afrifanom Group of Companies (Formerly Vokacom)

Key Executive Member in designing and implementing a 15-year strategic growth plan for a group of companies including the financial appraisal of investments in Digital Addressing (Africa's first), IT, Telecoms, VAS, Media Content creation and management, Agribusiness, Logistics, Lumbering, Social Ventures and Impact Investments. Responsible for all Systems administration, Software Development and IT activities for the group.

Head I.T. February 2020 till date

- Managed resources and processes required to design, plan, and support all IT products and services;
- Prepared, maintenance of IT procedures and documentation related to processes and platforms operations;
- Monitored KPIs and IT budgets to assess technological performance; o Liaised with HR to hire, and train IT Department employees;
- Developed technical aspects of the company's strategy to ensure alignment with Afrifanom's goals;
- Supervised the maintenance of data storage infrastructure and access protocols and rules within the group;
- Led the development and implementation of processes for Afrifanom's IT systems and department;
- Supervised the implementation of Active Directory
- Supervised adherence to business continuity protocols to minimize disruption to business operations in the event of emergencies or data loss;

Senior Software Developer July 2016 – February 2020

Worked as a Resident Principal Programmer in the development, implementation and 3rd party integration of Ghana & Africa's premier National Digital Property Addressing System (NDPAS). Worked as IT with a team to develop several diverse services which collectively saw the Group revenue grow to and stay at \$1 million on a yearly basis;

- Built a Voting System (VGMA, Di Asa, North Region GMA)
- Built a Promo System (Daily Graphic-Devtraco Promo)
- Built a Subscriber Monitoring System
- Built a Revenue Monitoring System
- Built VAS services subscription endpoints for Content Providers (Tekhype, Vasmol & TwoDoto)
- Built industry flagship Value Added Services (Text a Doctor, Text a Counsellor, Betmasta)
- Facilitated 3rd Party System Integration (Online Soccer Bet, MTN, Vodafone, AirtelTigo)
- Built the Lalafio Online Music Platform (Mobile, Web & Management Platform)
- Built the AsaaseGPS Digital Address/Location System (Android, iOS, Windows, Web & Management Platform)
- Completed the development of the national database for all Points of Interest in the country (Such as Roads, Building footprints, schools, hospitals, markets, rivers, lakes, churches, government properties., etc) with their GPS coordinates

JSSMedia Company Chief Technology Officer February 2015- July 2016

- Built management systems

Accra Institute of Technology Assistant Lecturer August 2011 - September 2013

- Lectured on Web Authoring & Content Management, Principles of Programming with C++, JAVA, & Multimedia Development

Divine Global Technology Software Development | Hardware Maintenance | CMS | 2007 – 2009

- Client's System Maintenance and repair, Software Installation & Application and website development

SKILLS

- Programming (PHP, ASP.NET, MYSQL, C#, VB.NET, JOOMLA, JAVA, JAVASCRIPT, VUEJS, B4X platform)
- Computer Security Auditing and Forensics
- Web Design and Development
- Computer Hardware Repair and Maintenance
- Database Design and Management (MSSQL, MYSQL, POSTGRE, Oracle)

EDUCATION AND QUALIFICATION

- **Masters of IT** - Open University of Malaysia /Accra Institute of Technology (ongoing)
- **BEng Computer Engineering** - Accra Institute of Technology Affiliated to **KNUST** 2012-2015
- **Undergraduate BEng** (Electronics & Communications Engineering)- All Nations University 2009-2011

SEMINARS, WORKSHOPS & TRAINING

- ISO 27001, Lead Implementer Innovare -2021 till date
- Change Management Training, L'Ainee - 2018
- Mobile Application Development - Ghana- India Kofi Annan Advanced Information Technology Institute Accra - Seminar on -2012
- Computer Studies and Management with Microsoft Applications Suit - Dr Alutu's College of Excellence & Computer Studies - 2001-2007