

## ERICK EMMANUEL BONIVENTURE CV



### PERSONAL INFO,

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### ABOUT ME

Am working as MIS/IT coordinator at Population Services International. I got my Bachelor's degree in Computer Science from University of Dar es Salaam. Currently am pursuing Master's degree in Information System Management from the University of Dar es Salaam.

At my job in Population Services International (Tanzania), I've spent 5+ years working with tech and learning from people from different countries. I've done well and achieved great things in the organization.

I'm really curious about how technology and new ideas can help businesses. I like to figure out how things work and use that to make new solutions that help businesses / organization do better.

### EDUCATION

#### **Masters: Information System Management | University of Dar es Salaam**

2022 – In Progress

Information Systems Management

#### **Bachelor of Science with Computer Science | University of Dar es Salaam**

2014 – 2017

Computer Science, Statistics and Economics

#### **Advanced Certificate for Secondary Education | Usagara Secondary School**

2012 – 2014

Physics Mathematics and Chemistry

#### **Certificate of Secondary Education | Ngaleku Secondary School**

2007 – 2011

Both Science and Art Subjects.



## EXPERIENCE

### A. MIS/IT Coordinator | PSI Tanzania | 2018 – TO DATE.

**As a MIS/IT Coordinator at PSI Tanzania from 2018 to Date, my responsibilities are as follows:**

- Administering all IT Operations in the organisation.
  - I am system administrator for the servers running Windows Server 2012, managing virtual machines, web servers.
  - I am administrator for Organization Microsoft azure active directory and endpoint management.
  - Managing network firewall running on Sophos XG and a Ubiquiti managed switch responsible for access and security of systems, including configuration of firewall rules, configuration of VPNs and virtual networks.
  - I am administrator of the organization's HR system which runs on top of Microsoft SQL Server
  - I am administrator of the organization's finance system Quick Books Enterprise (QBE)
  - Deployment and management of CCTV system running on Ubuntu Server at the HQ office
  - Managing software licenses
  - Distributing IT equipment to users and keeping track of all IT assets
  - Writing and updating IT policies and ensuring their enforcement.
  - Write Organization ICT disaster recovery plan.
  - Management of the organization's USSD and SMS short codes
  - Technical support for ICT related issues our staff encounter.
  - Testing Disaster recovery for business Continuity.
  
- Administering organization database running on DHIS 2
  - Managing user access, data visualizations and championing data to action within the organization.
  - Data cleaning and analysis
  - Creating or modifying data entry tools
  - Creating or modifying indicators for data analytics
  - Creating or modifying org units
  
- Provided user support for a number of mobile Apps that we have deployed and used by field workers in more than 10 regions in Tanzania.
  - I work with outsourced developers to configure new needs for the Apps we have deployed.
  - I provide data for program managers that they need to evaluate performance of their projects.
  - I configure the mobile devices for use including installing and updating the Apps or providing instructions for updating the Apps where applicable.
  - Remote management of deployed mobile devices, including using Mobile Device Management system to control access to the devices, tracking location, pushing upgrades and usage.
  
- Focal person, for the Upgrading and Maintenance of Malaria Surveillance System in Zanzibar, under Dhibiti Malaria Project
  - I actively engaged with stakeholders, including vendors who are maintaining the system.
  - I Implemented quality assurance measures to ensure that system run as expected,
  - I maintained comprehensive documentation related to system upgrades, maintenance procedures, and any changes made to the system

**B. Software Developer | Oletech Company LTD | 2017-2018.**

**As a Software Developer at Oletech Company LTD from 2017 to 2018, my responsibilities included:**

- **Software Development:** I was responsible for developing back-end software solutions. This involved gathering requirements, designing the software, integrating various components, thoroughly testing it, and deploying it for use.
- **System Improvement:** I actively contributed ideas for system improvements. This included proposing cost-effective solutions and creating work plans to implement these improvements.
- **Project Monitoring:** I closely monitored and reported on the progress of various software projects. This likely involved tracking milestones, timelines, and ensuring that projects stayed on schedule.
- **System Management:** I took charge of managing various systems, applications, and services. This included tasks such as website hosting and configuring email systems to ensure their smooth operation.
- **Graphic Design:** Additionally, I engaged in graphic design tasks, which could encompass creating visual elements and designs for the company's software interfaces or marketing materials.

**C. Technician - Intern (Part-time) | Ivatech Informatics | 2015-2017**  
2015– 2017

**Responsibilities,**

- Installed and configured access control time and attendance systems, specializing in ZKTeco.
- Managed installation and maintenance of CCTV cameras, with expertise in HIVEVISION CCTV cameras.
- Handled installation and configuration of vibration sensors and mobile jammers.

**D. IT Volunteer | PGWOCAD Foundation**

- Analyzed, designed, and developed the PGWOCAD Foundation website.
- Took charge of hosting and publishing content on the PGWOCAD Foundation website.

## OTHER PROJECT INVOLVEMENT

- Configuration and Installation of National Archive for Malaria Slides Database (NAMS DB) for Tanzania National Lab and ZAMEP office in Pemba, under Impact Malaria (USAID Funded project)
- Design and Development of PSI IT Inventory Management System (Open source)
- Design and Development of PSI Franchise Facility Management System (PSI FFMS)
- Participate in Designing and Development of iSave Accounting Software ( [www.isave.co.tz](http://www.isave.co.tz) )
- Participate in Designing and Development of Frame Inventory Management Software ( [www.frame.co.tz](http://www.frame.co.tz) )
- Design and Development of PGWOCODE Foundation web portal ( [www.pgwocode.or.tz](http://www.pgwocode.or.tz) )
- Participate in Designing and Development of Kariakoo Online Android App ( [Kariakoo Online](#) )
- Participate in Designing and Development of SOS Children's Villages Web Portal [sos-childrensvillages.or.tz](http://sos-childrensvillages.or.tz)

## REFEREES

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