Ernest Joseph Nzalawahe

Software Developer & Analyst

Kimara Stop-over
Dar es Salaam Tanzania,

Email: ernestjoju@gmail.com
Phone Number: +255710663944

Professional summary

I have a clear logic, a practical approach to problem-solving, and a drive to see things in completion. I am a highly competent IT professional with proven design and development of Software, analytics, and database management. I have strong technical skills as well as interpersonal skills, which enable me to interact with a wide range of clients, I am eager to be challenged in order to grow furthermore in IT professional

Skills

C#, Javascript, Typescript, Python, Java, SQL

Spring boot, .Net framework, Node Js

Vue, React, Angular

Flutter

Microsoft SQL Server, MySQL

Docker, Kubernetes, CI/CD, PM2

Git, Github, Rest API

Agile Methodology, Scrum framework

Power BI, Google Studio, Excel

RapidPro, TextIt

DHIS2

Experience

Universal Communications Service Access Fund Project management System

11/2022 - PRESENT, Dar es salaam
Role: Lead Developer

C# Backend Developer

Tech: C#, .Net framework, Agile Methodology, Git, Microsoft SQL Server, CI/CD, Git

- Utilize C#, .Net core web API framework 3.5 to develop the system
- Improve and innovate the client project reports.
- Oversee all phases of development on new platform features.
- Create REST API for web and Mobile applications
- Write new program codes under the prescribed description.
- Provide guidance to developers.
- Manage project packages
- Develop a nice-looking email template to be sent as an email.
- Executing SQL procedures in the backend engine using dapper

C# Frontend Developer

Tech: C#, .Net framework, Agile Methodology, Git, Javascript, Jquery, Bootstrap, CSS, Html 5, Razor pages, rest API, CI/CD, Git, DevExtreme

- Utilize C#, .Net core Web application to develop the system User interface
- Design and implemented new features to the web application of UCSAF system
- Training users in some features that have been implemented.
- Provide guidance to developers.
- Manage project packages

Softnet Technologies / Software Developer

09/2021 - PRESENT, Dar es salaam

Tech: C#, .Net framework, Agile Methodology, Git, Microsoft SQL Server, React, Javascript, Jquery

- Design and Develop Software based on agile methodology
- Identifying areas for modification in existing programs and subsequently developing these modifications
- Developing quality assurance procedures
- Training users in some features that have been implemented

Singo Africa / Software Developer (Remote)

07/2019 -Present Dar es Salaam, Tanzania.

Java Backend Developer

Tech: Java, Spring Boot, REST-API, Git, SQL

- Improve and innovate the client financial reports from the system.
- Collaborate closely with management, vendors, and clients to integrate Apache Fineract with third-party services like MNOs and other financial reporting software.
- Oversee all phases of development on new platform features.
- Write new program codes under the prescribed description.
- Provide guidance to junior-level developers.

Front-End developer

07/2019 -Present, Dar es Salaam, Tanzania.

Tech: Javascript, Typescript, Angular, Axios, PWA, google-analytics, Sass, CSS, GitHub actions, CICD

- Design and implemented new features to the web application of amala core banking
- Developed and migrated back-office core-banking web application interface for office from. Click here to this Click here for a new interface developed with Angular
- Training users in some features that have been implemented

Kazikazi chatbot / Backend developer and /RapidPro expert

01/ 2021 - present,

Tech: Javascript, RapidPro, Git, CICD, Docker

- Design Database for the project
- Write backend for the Application using Bfast javascript framework
- Creating sms flows in RapidPro
- Integration with report tool
- Creating report dashboard using Google data studio and Power BI

Access project for demo chat with Kazi tool by sending work "Kazikazi" or send SMS kazikazi via 15070

Other Works

Support T24 Core Bank system /Contractor

NCBA BANK

- Running COB Clouser of Business
- Assist in Deployments

UNICEF

Creating Dashboards For data visualization

Technology used: Excel, KoboTool Box, Google studio, Google script

- Wash Data Analysis click here to view.
- Social Protection in the Community click here to view
- Census Survey click here to view

Education

University of Dar es Salaam/ Bcs in Computer Science
09/2018 - 10/2021

University of Dar es Salaam/ Diploma in Computer Science
09/ 2016 - 07/2018

Kampala Internation University / Certificate of Information
Technology
09/ 2015 - 07/2016

Awards

Certification - DHIS2 Fundamental

Referrers

Jane Mgone
Unicef Innovation Officer
jmgone@unicef.org
+255688033587

Josiah Patrick Nombo
Lecture At COICT- UDSM
jpnombo@gmail.com

+255 786 083 888

Sabinus Mlambo
Software developer
Softnet Technologies
smlambo@softnet.co.tz

+255 753 696 907