RAMBA THEOGENE

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# PROFESSIONAL SUMMARY

Insightful Software Engineer with 7+ years of experience in software design , implementation and maintaining high-quality software solutions. Skilled in various programming languages including Java,Kotlin,Typescript,javascript,php, Python, and C++. Strong knowledge of software development methodologies and a track record of delivering projects on time and within budget.

# SKILLS

* Requirements documentation
* System debugging
* Database management: PostgresSql, Mysql,MongoDB,SQLite
* Deployment automation: containers(Docker and Kubernetes)
* Project Planning
* Software testing and implementation
* Software development methodologies: Agile, Scrum
* Version control : Git
* Programming languages: Java, Kotlin, Typescript, javascript, Python, C++
* Functional and integration testing
* Communication

# EXPERIENCE

**Software Engineer Consultant**

**MINISTRY OF FINANCE AND ECONOMIC PLANNING** | kigali,Rwanda

August 2023 - Current

SOFTWARE ENGINEER FOR UMURENGE-SACCO AUTOMATION,CONSOLIDATION AND ESTABLISHMENT .

* Design, documentation and development of system SACCO functionalities.
* Develop unit and system testing cases and scripts, test and reports test results
* Work closely with other system developers on various design, development,documentation and testing activities.

## Technology used:

Java programming language

Spring framework (spring core , boot , security). apache shiro

postgresql database zkoss framework

javascript programming language Gigaspace

**Software Engineer Consultant** **QT Global** | kigali, Rwanda

February 2023 - Current

* Successfully designed and developed back-end of new Social registry system of Minaloc Ministry.
* working on integration of Social Registry to other institution systems

## Technologies used:

-JAVA programming, typescript programming language

-spring boot framework, angular

-kafka , elastic search, postgres

**Software Engineer II** **IREMBO** | kigali, Rwanda

January 2019 - July 2023

* COVID-19(Application for Covid-19 Test in Rwanda), REB (Application for Equating Foreign Qualifications - General Education) on Irembo 2.0 government portal.
* Successfully designed and developed such as (Birth record, Death record,Marriage declaration, Divorce record...) and integrated with Crvs system of NIDA.
* Successfully designed and developed NIDA identification Services (national ID application, ID Replacement, ID Correction and Citizen Application)
* Successfully designed and developed Immigration And Emigration services such as (E-Passport Application,DPA payment,Application for a National ID for diaspora applicants ) on Irembo 2.0 government portal.
* Successfully designed and developed Police services such as (Motor Vehicle Inspection,Traffic Fines ) on Irembo 2.0 government portal.
* Successfully designed and developed Notarisation Services on Irembo 2.0 government portal.
* Successfully designed and developed and tested **Internal Mocking system** used for all software development and UAT testing
* Developed, coordinated, and conducted complex tests and debugged systems.

Worked with UX designers to design and build user interfaces and iterate based on user feedback.

Some Technology and Stack Used

* spring framework , spring boot
* Angular framework
* postgresql
* java programming language
* typescript programming language
* Javascript programming language
* rabbitMQ
* docker container, Kubernetes

**Software Developer**

**ALPHA COMPUTER LTD** | kigali, Rwanda

March 2017 - December 2018

* worked on big data integration using Talend and Spring boot to integrate with different application
* stock management system web application using php and angular js
* integration of a client(RSSB) existing leave management system and new attendance devices and software (ZKTeco) using Rest API
* developed USSD application for selling license.

Some technology and stack Used

* PHP programming language angular js front-end framework
* laravel framework
* mysql dbms
* spring boot fromework
* java programming language
* postgresql dbms

**Software Developer** **ASI-D** | Kigali, Rwanda

October 2016 - March 2017

developed different software (desktop and mobile) using java programming language among those include:

* visitor management system,
* employee attendance management system
* provisional driving license training android application

Some technology and stack used:

* java programming language
* mysql dbms
* android SDK

**Software Developer Intern** **Algorithm Inc** | Kigali, Rwanda

June 2015 - August 2015

* Experienced in developing desktop application (ishyiga PoS) using java technology.

Technology and stack used

* java programming language
* Derby dbms

# EDUCATION

BACHELOR DEGREE - Business Information Technology UNIVERSITY OF RWANDA, HUYE, Rwanda

July 2016

Higher School Diploma (A2) - computer science and management ESAPAG , Gitwe, Ruhango, Rwanda

November 2011

# CERTIFICATIONS

* Certificate in cisco networking courses: Introduction to routing and switching from.
* ongoing : enrolled in Building Scalable Java Microservices with Spring Boot and Spring Cloud course on Coursera

# LANGUAGE

## Kinyarwanda

Proficient (C2)

## English

Advanced (C1)

## Francais

Advanced (C1)