

# NSANZUMUHIRE DANIEL

## Senior Software Engineer



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Experienced full-stack software engineer with over 8 years of expertise in front and back-end coding, adept at designing and testing website functionalities, user interactions, and mobile platform development.

### EXPERIENCE

#### Software Engineer & Team lead

##### Self-employed

📅 04/2021 - Present 📍 Kigali

As a seasoned software engineer and Lead, I am committed to spearheading the development of four critical applications: The 2022 Commonwealth Heads of Government Meeting (CHOGM 2022) app, the REPZ properties system for Zimbabwe, the Social Registry system for identifying eligible social protection households, and IRPV - The Institute of Real Property Valuers in Rwanda. Leveraging my extensive experience and leadership abilities, I guided the team in delivering innovative, efficient, and reliable solutions for each application, ensuring they successfully fulfill their respective purposes and contribute to their industries' growth and advancement.

Project name	Role
CHOGM22	Backend Lead and Frontend support
REPZ V2	Frontend Lead
Social registry (SR-IS)	Frontend Lead
IRPV	Frontend Lead

#### Senior Software Engineer

##### QT SOFTWARE LTD

📅 04/2021 - Present 📍 Kigali

Worked as a lead software engineer to launch the GESB system and currently working with the main focus of maintaining GESB and supporting the RISA team.

Project name	Role
GESB	Senior Backend Engineer

#### Frontend Developer

##### Codeland S.r.l.

📅 09/2021 - 03/2023 📍 Italy - Remote

CodeLand is a System Integrator focused on the design and development of web solutions and has delivered successful results in lots of Adobe CQ/AEM projects, ranging from banking to sales industries. Our team includes professionals who have years of experience in Adobe technologies, providing a flexible support designed to meet our client needs.

worked as a frontend software engineer with the main focus of supporting production web apps such PRADA.COM a known brand for men and women luxury clothing, shoes and accessories, Martinelli ginetto an Italian fabrics products website and Domus a historical magazine of architecture website

Project name	Role
PRADA	Frontend engineer
Martinelli ginetto	Frontend engineer
Domus Web	Frontend engineer

### SKILLS

#### Backend

ExpressJS

NestJS

SpringBoot

Laravel

CRM Integrations

REST API

GraphQL

gRPC

#### Frontend

Angular

React

Redux/vuex

VueJS

Flutter

React-Native

Bootstrap

Tailwind

Bulma

Webpack

Grunt/Gulp

HTML

#### Database

MariaDB/PostgreSQL

MongoDB

Miracle

Redis

GraphDB/Neo4J

#### Tools and technologies

Nginx

GigaSpace

RabbitMQ

Prometheus

Apache

Docker

AWS

Git

CI/CD

Jira

### EDUCATION

#### Bachelors

[University of Rwanda \(UR-CST\)](#)

📅 01/2014 - 09/2018

#### A level

[Ecole Technique de Save \(ET Save\)](#)

📅 01/2010 - 10/2014

Finished as second in national exams in computer electronics option.

### LANGUAGES

English

Proficient ●●●●●

## EXPERIENCE

### Software Engineer

#### IREMBO

09/2018 - 04/2021 Kigali

Irembo is a technology company that helps organisation deliver online services and create world-class customer experiences. The company has a profound understanding of local needs and capabilities of the community to access services.

- Worked as a founding software engineer at irembo playing a big role in migrating e-Government services from 1.0 to 2.0 with the objective of helping citizens to access public services seamlessly, Architected and built fundamental components of irembo 2.0 frontend to ensure high scalability and performance.

Project name	Role
IremboGov	Frontend engineer
Irembo Support portal	Frontend engineer

### Software Engineer (Consultancy)

#### AEGIS CONSULT LTD

11/2019 - 02/2021 Kigali

- I have worked on more than four projects including a system that connects users and property owners focusing on better user experience to make it easy and seamless for users to discover and filter properties based on location and their needs. This project made it easy for property agencies to have clear visibility of property requests and listings.  
Skills Communication Skills Analytical Skills Critical Thinking Skills  
LANGUAGES JavaScript TypeScript NodeJS Java PHP Dart With the usage of map features such as geo-tagging and GIS technologies, this project helped stakeholders in data mining for future uses and outcome predictions such as increasing revenues, cutting costs, improving customer relationships, reducing risks, and more.

Project name	Role
REPZ V1	Frontend engineer
Rwandapedia	Frontend engineer

### Backend Engineer (Consultancy)

#### TRANSAX LTD.

07/2018 - 08/2019 Kigali

- Worked as the main backend developer of an e-wallet application (IKOFI) with payment integrations such as PayPal, stripe, and momo. Developed the backend and dashboard portal of women leaders in global health conference 2019's apps with four thousand concurrent users support in a short period.

Project name	Description
IKOFI	Backend engineer
WLGH 2019	Backend engineer

## LANGUAGES

Kinyarwanda

Native ●●●●●

French

Beginner ●●●●●

## EXPERIENCE

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### Software Engineer (Full-time)

[OnTime Services LTD.](#)

📅 09/2017 - 09/2018 📍 Kigali

- I was one of the leads to implement cross-platform applications such as rides sharing apps (OnTime) and Banking app(yQueue) that were focused on removing queues on banks.  
I was in charge of architecting, prototyping, and designing patterns of the backend system.  
I also integrated 3rd party payment APIs such as Stripe and PayPal in both backend, iOS, and Android applications.

Project name	Role
OnTime	Fullstack
yQueue	Fullstack

### Software Engineer (Full-time)

[ASI-D](#)

📅 11/2016 - 02/2017 📍 Kigali

- Developed security/visitors management system rich in features such as
  1. synchronized/distributed databases (able to work offline and online seamlessly on master and slave DBS).
  2. Generating visitor cards Developed an attendance system with the following features
    - (i). integrated external electronic devices to read different types of QR codes
    1. multiple formats data imports and exports (reports)

Project name	Description
Visitor/Attendance MS	Fullstack