



CONTACT

Location
Burundi, Bujumbura

Email
lodbujana75@gmail.com

Phone
+257 68 98 98 72

LinkedIn
linkedin.com/in/rodrigue-butoyi-71a0191aa/

GitHub
github.com/sagintel

Portfolio
sagintel.github.io

SKILLS

JavaScript / ES6+	
React.js & Next.js	
React Native / Expo	
Node.js / Express	
TypeScript	
PostgreSQL / MySQL	
MongoDB / Firestore	
UI/UX Design (Figma)	
Docker / DevOps	
AWS / Cloud Services	
Python / Django	
Git / CI/CD	
Electron.js	
REST API / GraphQL	
Testing (Jest)	
Blockchain	

AI SKILLS

LLM Integration	
Prompt Engineering	
Fine-Tuning Models	
AI Agent Workflows	
RAG Systems	
LangChain / LlamaIndex	

RODRIGUE BUTOYI

SOFTWARE ENGINEER & AI ENTHUSIAST

PROFILE

Passionate software engineer with expertise in full-stack web and mobile development. Proven track record of delivering innovative solutions using React, React Native, Node.js, and cloud platforms. Strong problem-solving abilities with experience in UI/UX design, database architecture, and system integration. Committed to creating efficient, scalable applications that drive business value.

PROFESSIONAL EXPERIENCE

Full Stack Developer

MEDIABOX | Sept 2025 - Present

Passport Management System: Developed comprehensive online passport application platform with integrated back-office system, appointment scheduling, document scanning, payment processing, and approval workflow.

National ID Verification (DRC Government): Built secure identification platform enabling citizens to submit online applications with automated processing and approval workflows.

React.js, Node.js, PostgreSQL, Next.js, Electron, Firestore

Full Stack Developer

Girafe Market | Feb 2024 - Sept 2025

Stock Management System: Created and maintained stock management system ensuring efficient inventory tracking and fluid daily operations.

React, Node.js, PostgreSQL

UI/UX Designer & IT Support

Freelancing | 2021 - Feb 2024

Designed user interfaces for web and mobile applications using Figma and Adobe XD.

Provided comprehensive IT system maintenance and technical support.

Developed full-stack web and mobile applications with integrated database management.

EDUCATION & TRAINING

Bachelor of Science in Computer Engineering & Telecommunications

INTELEMATIQUE, Bujumbura | 2020 - 2024

Comprehensive program covering software development, network infrastructure, telecommunications systems, database management, and IT project management. Graduated with honors.

Professional Certificate in Mobile Application Development

INTELEMATIQUE | 2020

Intensive 6-month specialized training in native and cross-platform mobile development, covering React Native, Android SDK, iOS development, and mobile UI/UX design principles.

Professional Certificate in System Architecture and Design

INTELEMATIQUE | 2021

Vector Databases

ML / TensorFlow

LANGUAGES

French Native (C2)

Swahili Native (C2)

English Fluent (B2-C1)

Kirundi Fluent (B2)

SOFT SKILLS

- ✓ Problem Solving
- ✓ Team Leadership
- ✓ Project Management
- ✓ Communication
- ✓ Agile/Scrum
- ✓ Continuous Learning

QUICK INFO

B.S. Computer Engineering & Telecom

INITELEMATIQUE, Bujumbura

2020 - 2024

Mobile App Development

Professional Certificate

2020

System Architecture

Professional Certificate

2021

Advanced training in software architecture patterns, system design principles, microservices architecture, database design, and scalability strategies.

Professional Certificate in English Language

BAC Youth | 2020

Intensive 6-month English language program achieving proficient level in business and technical English communication.

High School Diploma in Bio-Chemistry

Lycée Sainte Famille, Bujumbura | 2016 - 2019

Strong foundation in sciences with emphasis on biology and chemistry. Active member of science club and debate team.

KEY PROJECTS

iTest - AI-Supervised Testing Platform

Web-based evaluation platform featuring AI-powered supervision, automated proctoring, real-time monitoring, and automated grading. Streamlines recruitment and assessment processes.

React.js, Node.js, Next.js, PostgreSQL, Firestore

Banana Platform - Marketplace Mobile App

Mobile marketplace application (published on Play Store) connecting vehicle/land brokers with buyers. Facilitates transactions enabling direct communication between parties.

React Native, Node.js, Firestore, MySQL

Playful - Mobile Gaming Hub

Strategic gaming mobile application (published on Play Store) featuring multiplayer challenges, remote gameplay, and competitive tournaments with social features.

React Native, Node.js, Firestore, Electron

★ INTERESTS & HOBBIES

Game

Creating interactive experiences is my passion. I develop mobile games combining creative design with technical challenges, published on Play Store.

Football & Sports

Team sports teach discipline and collaboration. Playing football regularly keeps me active and helps me understand the value of teamwork and strategy.

Music Production

Music is my creative outlet. I compose and produce tracks, blending digital audio workstations with traditional instruments to express emotions.

Animation & Motion Design

I love bringing static designs to life through animation. Motion graphics add storytelling power to UI/UX, making user experiences more engaging.