

# DANNELS OKORO

## Software Engineer

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## EDUCATION

**B.Sc. Computing and Information Science**

December 2021

**B.Sc. Information Technology**

June 2025

University of Lay Adventist of Kigali (UNILAK), Rwanda

## TECHNICAL SKILLS

### Languages/Tools/Frameworks/Concepts

Java	Kotlin	PHP	Dart	C#	SQL	JavaScript	HTML5	CSS3	Laravel	Flutter
Micronaut	Spring Boot	Docker	Jenkins	REST APIs	Git	Clean Architecture	CQRS	MVC		
Microservices	CI/CD	Agile/Scrum								

## PROFESSIONAL EXPERIENCE

### SOFTWARE ENGINEER | DIOLICHAT

JAN 2023 – APRIL 2025

Kigali, Rwanda

- Collaborated with a team of developers to build innovative digital solutions for Rwandan and international clients.
- Led the development of a **Trip Management System** that allowed users to plan and book group or solo travel, manage itineraries, and handle payments securely.
- Designed and deployed a **Mentorship App** that connected mentees with mentors through scheduled sessions, live chats, and performance tracking.
- Engineered a **Facebook-style Meditation Platform** where users joined daily sessions, shared wellness updates, and participated in guided meditations via real-time video and audio streams.
- Spearheaded the development of a **Deployment Site Builder** tool that streamlined client website delivery, domain setup, and CMS customization, drastically reducing deployment time.
- Ensured each solution was scalable, maintainable, and deployed using modern CI/CD workflows.

### SOFTWARE ENGINEER | FREELANCE / REMOTE

JAN 2021 – DEC 2022

- Developed modern full-stack web applications with **Laravel**, **Vue.js**, and **SQL**.
- Architected and implemented **REST APIs** and backend services for mobile and web applications.
- Designed and deployed scalable mobile apps using **Flutter** integrated with Firebase and custom backend.
- Implemented secure user authentication, form validation, and password hashing in Laravel apps.
- Streamlined **CI/CD** processes using **Docker** and GitHub Actions for continuous delivery.
- Collaborated remotely with clients across Rwanda and internationally to deliver user-friendly interfaces.
- Mentored junior developers on clean code practices, version control, and agile workflows.

## PERSONAL PROJECTS

### DEPLOYMENT SITE BUILDER

- Created a tool for automating and managing website launches for small businesses, with one-click configuration of hosting environments and domain registration.
- Reduced manual setup time by 75% and integrated analytics dashboards for client monitoring.

## MENTORSHIP APP

- Designed and implemented a cross-platform app using Flutter and Firebase to connect mentors with mentees across industries.
- Added features like booking, live chat, feedback ratings, and mentor dashboards with progress tracking.

## TRIP MANAGEMENT SYSTEM

- Developed a Laravel and Vue.js-based platform for booking travel packages, creating personalized itineraries, and managing group trips.
- Integrated with payment gateways and real-time messaging for admin-to-customer communication.

## FACEBOOK-STYLE MEDITATION PLATFORM

- Created a full-stack mobile platform with social networking capabilities for mental wellness and meditation.
- Users could join guided sessions, track mindfulness streaks, post reflections, and interact with friends.

## PORTFOLIO MANAGEMENT SYSTEM

- Developed a financial planning system that calculates ideal investment ratios using standard covariance and risk analysis.
- Built a desktop GUI in Java to visualize user data and aid retirement investment decisions.

## SOFT SKILLS

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|---------------------------------------|--|
| • Problem Solving & Critical Thinking | • Effective Communication & Team Collaboration |
| • Leadership & Mentorship             | • Agile Development & Project Management       |