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(LinkedIn)
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Top Skills

Java
C++
PHP

Languages

English (Professional Working)
Kinyarwanda (Native or Bilingual)

Certifications

React: Design Patterns
Blockchain: Learning Solidity

Mwibutsa Floribert

Senior Fullstack Engineer | Node.js · Next.js · TypeScript | Fintech & GovTech | AI-Augmented
Kigali City, Rwanda

Summary

Senior Fullstack Engineer with 6+ years of experience building scalable web and mobile applications across Fintech, GovTech, and Web3. I have shipped products used by over 2 million people, from a cooperative financial management platform serving 2,000+ cooperatives across Rwanda, to a government inspection system for RICA used by multiple sectors of the Rwandan government. My core stack is Node.js, Next.js, TypeScript, React, and React Native, with a strong emphasis on Test-Driven Development (TDD), clean architecture, and system reliability. I have worked across the full stack, from designing RESTful APIs and backend services, to building pixel-perfect, performant UIs. I have contributed to impactful projects across 4 continents, working remotely with teams in the United States, Italy, Nigeria, and Rwanda, including:- A cooperative management system with integrated digital payments (Urubuto Pay) serving 2M+ users- A government inspection platform for Rwanda's RICA across multiple regulatory sectors- KOIN Network's community engagement platform (US-based, remote), where I led backend development and independently built the Engage module, now central to the product- Live consumer apps on the Play Store (Ulli Picks) and enterprise fintech platforms (2U Money) What sets me apart today: I have fully embraced AI-augmented development. Using tools like Claude Code, OpenAI Codex, and Google AI, I consistently compress delivery timelines. Work that used to take months now ships in days. This makes me exceptionally productive in fast-moving teams. Open to senior and mid-level fullstack roles globally, remote, hybrid, or on-site. Ready to relocate.

Experience

Bank of Kigali (BK) Techouse Ltd
Software Engineering Consultant
March 2025 - Present (1 year 3 months)

Working as a Software Engineering Consultant at BK Techouse Ltd, the technology subsidiary of Bank of Kigali, one of Rwanda's leading financial institutions.

I have contributed to two major platforms:

1. CUNGA (cungaportal.rw), Cooperative Management Information System: A digital platform built to serve a target of 2,000+ cooperatives, individual traders, and NGO partners working with border-based cooperatives across Rwanda. The system handles income and expense tracking, internal loan management, member records, and digitalized payments through Urubuto Pay, an integrated internal payment gateway. The MVP has shipped and new features are actively being expanded.

2. RICA Inspection Platform: A government inspection system used by multiple sectors of the Rwandan government to streamline the inspection of imported goods and business compliance.

Key responsibilities:

- Designing and developing robust REST APIs and backend services using Node.js and Express
- Building responsive, user-friendly web interfaces with Next.js and TypeScript
- Applying Test-Driven Development (TDD) to ensure code quality and system reliability
- Optimizing database queries and application performance for scale
- Collaborating with cross-functional teams including product, design, and QA

KOIN Network

Software Engineer

April 2023 - March 2025 (2 years)

United States

Worked as a full-time remote Software Engineer at KOIN Network (US-based), a Web3 platform that evolved from an NFT marketplace into a full community engagement platform focused on participation, coordination, and long-term contribution.

Working in a team of 5 engineers, I focused primarily on backend development while also contributing to the frontend when needed.

Key contributions:

- Led the backend development of the Engage module, a core feature of the platform that drives community participation through voting, rewards, campaigns, and events. This module is now central to the product's current direction.
- Built and maintained REST APIs using Node.js to support NFT minting, marketplace transactions, and user engagement features
- Contributed to frontend development using React and TypeScript for key product interfaces
- Collaborated closely with a cross-functional remote team across design, product, and engineering
- Worked on a platform that grew to approximately 5,000 active users during this period

The platform has since been rebranded and expanded at app.imkoin.com, with the Engage module remaining a central pillar of the product.

MangoDev

Full Stack Developer

June 2022 - March 2023 (10 months)

Utah, United States

Worked as a contract Full Stack Developer at MangoDev (Utah, US-based, remote), building web and mobile applications for HireMango customers using JavaScript, React, and React Native.

Key contributions:

- Led the development of Ulli Picks, a mobile sports app for college basketball fans that keeps users engaged through round-by-round picks, live rankings, and in-pool group chat. The app is available on the Google Play Store.
- Contributed to the development of Clique, a social mobile app for users to share and discover personal style, closets, and shopping finds online.
- Collaborated closely with design teams to build high-quality, visually consistent user interfaces across both web and mobile platforms.
- Delivered multiple production-ready applications from development through deployment, meeting client requirements for performance and user experience.

CodeLand S.r.l.

Frontend Developer

January 2022 - July 2022 (7 months)

Italy

Worked as a freelance Frontend Developer at CodeLand S.r.l. (Italy, remote), an Adobe-certified partner specializing in Adobe Experience Manager (AEM) implementations.

Key contributions:

- Built reusable, pixel-perfect UI components using HTML, CSS, and JavaScript for integration into Adobe Experience Manager (AEM) by backend engineers.
- Contributed frontend work to enterprise client projects including Unicredit, one of Europe's largest banking groups, and Martinelli Ginetto Group, a leading Italian textile manufacturer.
- Worked closely with backend engineers and design teams to ensure components were faithfully translated from design specs and met technical requirements.
- Delivered responsive, cross-browser compatible UI components on time and within project scope.

Co-creation Hub (CchUB)

Senior Frontend Developer

March 2022 - June 2022 (4 months)

Kigali City, Rwanda

Worked as a Senior Frontend Developer at Co-creation Hub (CchUB) in Kigali, one of Africa's leading technology and innovation hubs. CchUB's Creative Economy Practice focuses on stimulating innovation and technology adoption across the African creative economy.

Key contributions:

- Developed the Creative Economy Practice platform (cchubcreativeeconomy.africa) using React.js and Chakra UI, a platform that connects innovators, creatives, and technology across Africa.
- Built scalable, reusable UI components that ensured consistency in design and functionality across multiple projects.
- Mentored and coached junior developers on best practices for building maintainable front-end applications.
- Identified and resolved front-end bugs across multiple client projects to ensure fully functional, user-friendly web experiences.
- Collaborated closely with backend and design teams to deliver client requirements on time.

Ossix Technologies, LLC

Software Developer

August 2020 - March 2022 (1 year 8 months)

Kigali City, Rwanda

Worked as a Software Developer at Ossix Technologies LLC in Kigali (hybrid), contributing to the development of fintech and digital products including 2U Money, a fast, secure cross-border mobile money transfer solution.

Key contributions:

- Contributed to the development and launch of 2U Money (2umoney.com), a fund transfer platform enabling users to send and receive money from anywhere in the world within 45 seconds.
- Translated high-fidelity UI designs into interactive, responsive web pages using React.js, Next.js, and TypeScript.
- Implemented responsive image optimization techniques across platforms, improving loading times and user experience.
- Wrote end-to-end tests to ensure application quality and reduce bugs in production.
- Led sprint planning and delivery coordination, helping the team ship features on time and within budget.
- Worked closely with design and backend teams in an agile environment to build reliable, user-friendly digital products.

Upwork

Freelance Software Developer

April 2020 - August 2020 (5 months)

Worked as a freelance Software Developer on Upwork, delivering web and mobile application projects for multiple international clients remotely.

Key projects and contributions:

- Gossip Book: Designed, developed, and deployed a mobile application using Django and React Native from scratch.
- IndieSparx: Worked with the SparxsStudio design team to build the interactive UI frontend for the IndieSparx landing page, a platform helping indie creators find their audience.
- PrintXchg: Contributed to development on PrintXchg, a true bid/ask marketplace for art prints modeled after a stock exchange, with IPO-style initial offerings and resale functionality.
- Crowdbotics: Independently managed and developed multiple web and mobile applications under the Crowdbotics contract, including tracking and fixing bugs across different codebases.

Andela

Associate Software Engineer

February 2019 - April 2020 (1 year 3 months)

Kigali

Started my professional software engineering career at Andela, one of Africa's most prestigious technology talent programs, working full-time on-site in Kigali as part of Andela's Technical Leadership Program.

Andela placed me with partner companies to build and maintain their products, while also investing in my growth as an engineer and leader.

Key contributions:

- Built and delivered high-quality web and mobile application solutions for Andela partner companies, contributing to increased customer satisfaction and retention.
- Maintained and improved the PharmIQ web application, a healthcare platform built for Andela partners, ensuring it met performance and reliability expectations.
- Wrote unit and integration tests for multiple web applications using various testing frameworks, resulting in higher code quality and fewer production bugs.
- Trained and onboarded over 10 new engineer prospects, helping them integrate successfully into the team and fostering a positive engineering culture.
- Volunteered in Andela's marketing and community initiatives, contributing to brand visibility and talent outreach across Africa.

Education

University of Rwanda

Bachelor's of, Computer Software Engineering · (August 2016 - August 2020)