

Roland Sankara

Software Engineer | Technical Mentor

I am a software engineer and technical trainer/mentor driven by a deep passion for technology with over 5+ years of experience. I leverage my expertise to create innovative digital solutions and empower others through tech mentorship. Currently, I serve as the Learning and Development Lead at the Kanza Code Foundation, where I lead the team that focuses on nurturing the next generation of tech talent.

EXPERIENCE

Kanza Code Foundation, Kampala —
Programs Manager | Learning & Development Lead.

Oct 2022 - Present

- **Manage and lead implementation of tech bootcamps** aimed to develop tech talent for employability.
- Work closely with the board of directors to implement vision of having 1 million skilled African youth deployed into the tech ecosystem by 2030.

Outbox Uganda, Kampala — Software Engineer

Oct 2021 - Dec 2021 & Apr 2023 - Nov 2023

- **Developed the new [NSSF Innovator website](#)**. The goal was to showcase the progress and achievements of the NSSF Hi-innovator initiative that supports small and growing businesses by extending catalytic seed funding, building the capacity of ESOs to provide technical assistance.
- **Redeveloped the UI** of the GetIn Web App, a community referral system for supporting outreach to pregnant girls in rural Uganda, [in collaboration with Marie Stopes](#).

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SKILLS

Soft Skills

- Adaptability
- Teamwork
- Leadership
- Communication
- Work Ethic
- Problem-Solving

Technical Skills

- Version Control with Git.
- React.js | Next.js (Front-End).
- Node.js | Express.js (Back-End)
- MongoDB | PostgreSQL
- Scrum and Agile Methodologies

AWARDS / CERTIFICATES

Cloud Developer Nanodegree

Issued Nov 14, 2022

[See Credential](#)

Containerization with Docker

Issued Apr 10, 2022.

[See Credential](#)

Backend Development (Node.js)

Issued Dec 20, 2021,

[See Credential](#)

- Developed the [GetIn Web dashboard frontend](#), leveraging reusable components, unit, and integration tests to ensure a reliable, functional, readable, and maintainable codebase.

CodeImpact Uganda, Kampala —
Lead Learning Facilitator & Web Developer

July 2020 - Sept 2022

- [Created technical skills curricula](#) and led internal and external coding programs and boot camps.
- Managed and oversaw learning program implementation and assessed students' progress against curriculum learning objectives.
- Developed / Revamped over [7 WordPress websites](#) for various clients in one year resulting in a 10% increase in monthly web traffic on average.

Outbox Uganda, Kampala — Junior Software Developer

Oct 2020 - Jan 2021

- Collaborated on a project enabling gender-based violence victims to report cases via USSD on their cell phones.
- Developed an [efficient USSD web server callback](#) to handle requests leveraging the NITA(U) Mobile Service Delivery API, a solution the Project Manager considered in the final project implementation.

EDUCATION

Strategic Leadership & Management

Harvest School of Leadership,

Jan 2023 - Dec 2023

Cloud Developer Nanodegree

Udacity (ALX-T),

Jul 2022 - Nov 2022

Visit [LinkedIn for more details](#) →

React Testing with Jest and React Testing Library

Issued Dec 17, 2021,

[See Credential](#)

JavaScript Algorithms and Data Structures

Issued Mar 04, 2021,

[See Credential](#)

Front End Libraries

Issued Jun 12, 2021

[See Credential](#)

Responsive Web Design.

Issued Jan 21, 2021,

[See Credential](#)

PROJECTS

[NSSF Hi-Innovator Website](#)

- A platform that showcases programs aimed at uplifting businesses with investment capital.

Tools: Next.js, Strapi, PostgreSQL, Docker, TailwindCSS

[GetIn web dashboard](#)

- A community referral system data dashboard.

Tools: React, Jest, GitActions, Bootstrap

[Safe Pal USSD](#)

- A service that enables victims of gender-based violence to report for help.

Tools: Node.js, Docker, Nginx

[More Projects](#)

- Check out other projects that I've worked on in the past on my GitHub.