

# SERGE ANAN TASSIGA

Kigali, Rwanda | +250 785 658 174

sergetassiga22@gmail.com | [LinkedIn](#) | Skype ID: Serge Tassiga

## EDUCATIONAL BACKGROUND

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**African Leadership University** – Kigali, Rwanda

**September 2019 – March 2024**

Bachelor of Science (BSc). Computer Science

## PROFESSIONAL WORK EXPERIENCE

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### FULL STACK DEVELOPER

**NS Global Expertise**- Quebec, Canada (Remote)

**January 2024 - Current**

As a Full Stack Developer at NS Global Expertise, my responsibilities included:

- Collaborating with an agile development team to design, develop, and deploy full-stack solutions, resulting in a 30% increase in project delivery efficiency.
- Implementing responsive and user-friendly interfaces using React, TypeScript, and Tailwind CSS, which led to a 25% improvement in user engagement and satisfaction.
- Developing server-side logic and APIs using Node.js and NestJs, with a focus on efficiency and scalability, leading to a 40% reduction in server response time.

### DATA SCIENCE INTERN

**International Institute of Tropical Agriculture** - Kigali, Rwanda(Hybrid)

**June 2023 - January 2024**

- Collaborated with a multidisciplinary team to analyze agricultural data, resulting in a 15% improvement in crop yield and sustainability.
- Implemented Linear Regression and ARIMA models to accurately predict disease outbreaks in crops, resulting in a 35% improvement in forecasting accuracy.
- Utilized Python and R for data preprocessing, exploratory data analysis (EDA), and model development, enhancing data quality and insights.

### CHIEF TECHNOLOGY OFFICER (CTO)

**March 2022 - January 2023**

**JumbaSoft LTD** – Lomé, Togo(Remote)

As the CTO at JumbaSoft LTD, I spearheaded the company's technological vision and strategic initiatives, leading to exceptional results:

- Designed and maintained both corporate and client websites using cutting-edge technologies like Nuxt.js, Tailwind CSS, and Vuetify, achieving an outstanding 98% client satisfaction rate. Examples of my work can be viewed on the [Jumba Projects](#), showcasing my expertise in delivering user-centric digital experiences.
- Leveraged my deep technical knowledge and problem-solving skills to assist in building user-friendly and responsive user interfaces, which enhanced the overall user experience and increased user retention by an impressive 20%.

### FRONT-END DEVELOPER

**March 2022 - March 2023**

**Mek's Engineering Group** – Lomé, Togo(in-person)

- Designed and developed a fully responsive website from frontend to backend using a diverse tech stack including WordPress, HTML, CSS, Vue.js, RESTful APIs, Nuxt.js, Tailwind CSS, and Vuetify.
- Effectively worked with cross-functional teams to design, build, and maintain corporate and client websites, improving project delivery by 20%.

## EXTRACURRICULAR ACTIVITIES

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**Volunteer**, Africa CEO Forum 2024

**May 2024**

Played a pivotal role on the badging team, responsible for efficiently printing and reprinting badges for attendees, as well as seamlessly registering new participants, contributing to the overall smooth operations of the event.

**Student Ambassadors**, Microsoft Learn Student Ambassadors

**October 2023 - January 2024**

Held the prestigious position of Student Ambassador, spearheading the advocacy and promotion of Microsoft Learn and its resources among fellow students, fostering a culture of continuous learning and skill development.

**Volunteer**, African Leadership University

**January 2020**

Demonstrated exceptional organizational and leadership skills by assisting the facilitator in coordinating and overseeing impactful Career Development Sessions during the Career Week for first-year students, including reviewing resumes, managing session logistics, and providing personalized guidance to attendees.

**Scholar**, Google Africa Developer scholarship

**August 2021 - January 2022**

Achieved certification for the Mobile Development Specialist track offered on the Pluralsight platform, showcasing a deep commitment to continuous learning and the acquisition of comprehensive mobile development expertise.

## SKILLS

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Expert-level proficiency in:

- React.js and Vue.js for building high-performance, responsive user interfaces
- TypeScript and JavaScript for developing scalable and maintainable web applications
- Node.js and Nest.js for creating efficient, secure, and scalable server-side applications
- Git, Yarn, and Npm for version control, dependency management, and package management

Exceptional skills in:

- Tailwind CSS for rapidly building custom, responsive, and visually appealing UIs
- Designing and implementing RESTful APIs for seamless data exchange and integration

## INTERESTS

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- AI/ML
- IOS Development
- Cloud Computing

## LANGUAGES

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- French - Professional
- English - Professional