

SUMMARY

Experienced Full Stack Developer with over 2.5 years of expertise in designing, developing, and deploying web and mobile applications. Skilled in **frontend** technologies like **React.js**, **TypeScript**, **HTML5**, **CSS3**, **JavaScript**, and **Tailwind CSS**, as well as **backend** development using **Node.js**, **Express.js**, and **Django**. Proficient in managing state effectively using tools like **React Query** and applying advanced database management techniques with **MySQL**, **PostgreSQL**, **SQL**, **MongoDB**, **Supabase**, and **Firebase**.

Experienced in designing and implementing **RESTful APIs**, modular backend services, and scalable solutions for industries such as education, agriculture, and technology. Passionate about crafting user-friendly interfaces and optimizing application performance through techniques like caching, code splitting, and lazy loading.

Adept at deploying and managing applications on cloud platforms, utilizing tools like **Docker** and **Kubernetes** for containerization and orchestration, and ensuring robust CI/CD pipelines with **GitHub Actions**. Skilled in applying security best practices to safeguard user data, including authentication and authorization mechanisms.

Proven ability to lead teams, mentor students, and manage projects effectively, delivering innovative solutions to community challenges. Strong advocate for empowering women in tech and fostering inclusive, impactful technological advancements.

EDUCATIONAL BACKGROUND

African Leadership University – Kigali, Rwanda

September, 2022– August, 2025

Bachelor of Software engineering

Relevant Coursework: Software Development, Python, Frontend & Backend Development, Entrepreneurial Leadership, Problem Solving

Groupe Scolaire Officiel De Butare – Huye, Rwanda

January, 2018 – July 2021

Physics Chemistry Mathematics

I hold **98.67%** in National Examination

Relevant Coursework: Mechanics, Thermodynamics, and Optics, Calculus, Algebra, and Trigonometry, Physical and Organic Chemistry, Basic Programming and Analytical Tools, Problem-Solving and Critical Thinking Skills

PROFESSIONAL WORK EXPERIENCE

Software Development Program – Kigali, Rwanda

August, 2023– February, 2024

Knowledge Lab (K-Lab)

- Designed and developed personal portfolio websites and the **Afri-Culture** platform using **Figma**, **HTML**, **CSS**, and **JavaScript**.
- Built and deployed interactive web applications, including a holiday tour website, utilizing **React.js** for enhanced functionality and user experience.
- Contributed to the design and development of multiple web applications, streamlining project delivery timelines and boosting user engagement.
- Collaborated with a team to create company websites, such as the **FABLAB** website and the **Afri-Culture** platform, employing **React.js** for dynamic and scalable solutions.

Academic Bridge (Kudibooks) – Kigali, Rwanda
Frontend Developer Intern

October, 2024 – Till Date

- Designed and developed a dynamic dashboard using **React.js**, **TypeScript**, and **Tailwind CSS**.
- Gained expertise in **React Query** and implemented a Trello-like web application leveraging these skills.
- Learned and integrated **ShaCn** technology within the Trello application for enhanced functionality.
- Utilized **Supabase** as the backend database to support the web application, incorporating advanced features.

Mobile development program-Kigali, Rwanda
Facilitator at SheCanCode

January, 2024 – April, 2024

- Designed and developed mobile app **UI/UX** interfaces and web applications, including a food blog, using **Tailwind CSS**.
- Collaborated on capstone projects such as **AgriSales**, **Promote Her**, **Urunigi**, and **ChildCare** apps, offering guidance and resolving technical challenges.
- Led daily standup meetings, supervised student progress, and facilitated effective communication between students and staff.
- Ensured timely project delivery by managing workflows, troubleshooting development issues, and maintaining project quality standards.

Backend development — Kigali -Rwanda
SheCanCode

January, 2024 – April, 2024

- Developed modules and **APIs** for web applications using **Node.js** and **Express.js**.
- Created and implemented various projects, including:
 - **E-commerce API** for managing product listings, orders, and user accounts.
 - **Agri-Sales APIs** to support agricultural product transactions and logistics.
 - **Educa APIs** for educational platforms, enabling user registration, course management, and content delivery.
 - **File Manager APIs** for handling file uploads, downloads, and organization.
 - **Residential Management APIs** to streamline property management, tenant tracking, and payment processing

Full stack developer
Facilitator at HerInTech

June, 2024 – July, 2024

- Facilitated **frontend development** sessions, teaching **HTML**, **CSS**, **JavaScript**, and **React.js** to create dynamic and responsive web interfaces.
- Conducted **backend development** workshops using **Node.js** and **Express.js**, enabling participants to build robust APIs and backend systems.
- Guided students through capstone projects addressing community challenges, such as **SkillHive** (a skills marketplace) and **CareConnect** (a community care platform).
- Mentored students in technical development and project management, ensuring the successful delivery of their projects within set timelines.

Django Project Leader – Kigali, Rwanda

September, 2024 – January, 2024

African Leadership University (ALU)

- Led a team in designing and building a **residential management system** backend using Django to streamline property operations and tenant management.

Udemy Project Leader

- Completed **Next.js** and **Node.js** courses on **Udemy**, implementing various projects to enhance expertise in full-stack development.

Vanguard Economic Ltd — Kigali, Rwanda

September, 2024 – Till Date

- Completed to work on Vanguard Economic Ltd Website using wordpress.
- currently working on Vanguard Economic Foundation website using Next JS, SQL

EXTRACURRICULAR ACTIVITIES

Volunteer, knowledge Lab

November, 2023-December, 2023

Knowledge Lab – Kigali Rwanda

- Assisted facilitators during **Harambee meetings**, ensuring smooth operations and student engagement.
- Managed student discipline, helping maintain a productive and respectful environment.
- Conducted surveys during internships, gathering valuable feedback to improve the program's effectiveness and student experience.

Team Leader, I-Debate Rwanda

September, 2022 – December, 2023

I-Debate Rwanda– Kigali, Rwanda

- Developed leadership, collaboration, and problem-solving skills through active participation in debates and team management.
- Led a team of 6 students in the creation of the **Afri-Culture platform**, a website designed to promote and preserve African cultural heritage.

Community Campaign,

May, 2021–August, 2023

African Leadership University – Kigali, Rwanda

- Organized and led campaigns aimed at raising awareness about **gender discrimination** and promoting **women's education** in **South Sudan**.
- Coordinated outreach efforts to ensure the success and visibility of campaigns within the community.

Community Giveback Volunteer

January, 2023

Eastern Province, Rwanda

- Supported **unemployed communities** by providing resources, mentorship, and guidance to help improve their living standards.

Master of Ceremony, HerInTech Graduation Ceremony

Kigali, Rwanda

- Led and coordinated the **graduation ceremony** for HerInTech, overseeing event flow, presentations, and ensuring the ceremony ran smoothly.
- Facilitated communication between guests, speakers, and participants to create a memorable and organized event.

SKILLS

- **UI/UX Design**: Proficient in designing user-centered interfaces with a focus on usability and visual appeal.
- **Version Control**: Experienced with **Git** and **GitHub** for efficient source code management and collaboration.
- **Frontend Development**: Strong knowledge of **HTML5**, **CSS3**, TailWind CSS, **JavaScript**, TypeScript, **React JS**, and **Next JS** for building dynamic and responsive web and mobile applications.
- **Backend Development**: Skilled in **Node.js** for backend development and creating scalable APIs.
- **Programming Languages**: Proficient in **Python** for backend development and scripting.
- **Web Frameworks**: Experienced with **Django** for building robust web applications.
- **Databases**: Proficient in working with **MySQL**, **PostgreSQL**, **MongoDB**, and **Supabase** for efficient data storage and retrieval.

INTERESTS

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- Empowering Women in Technology
 - Job Creation
 - Regional development
 - Agriculture Technology

LANGUAGES

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- English – Proficient
 - Kinyarwanda – Experts