

# CHARITE UWATWEMBI

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## SUMMARY

As a dedicated software student specializing in full-stack development, I bring a proven ability to navigate and excel in challenging situations. With a solid foundation in Web Development, I am proficient in various programming languages, including HTML, CSS, python, c++, and JavaScript. My academic background and hands-on experience have equipped me with the skills to design and implement robust, scalable solutions. Committed to continuous learning and adaptability, I am poised to contribute my technical expertise to dynamic projects and collaborate with cross-functional teams in the ever-evolving field of software development.

## EDUCATIONAL BACKGROUND

**African Leadership University – Kigali, Rwanda**

**September 2022 – Present**

BA. Software Engineering.

*Relevant Coursework: Algorithms and Data Structures, Mobile Apps Development, Cybersecurity, Operating Systems, Version Control Systems2, Networks and Distributed Systems, and Programming Methodologies.*

**African Leadership Program –Kigali, Rwanda**

**September 2022 – Present**

Leadership Courses: Self-Leadership and Team Dynamics; Responsible Enterprise; Learning Processes & Reflective Thinking.

## PROFESSIONAL WORK & PERSONAL EXPERIENCE

**Software Developer | Remote**

**May 2023**

- I Spearheaded the development of RiseFarmer360, a groundbreaking web application to support farmers in Sub-Saharan Africa.
  - ★ Implemented a robust weather risk mitigation feature using satellite technology: Developed a system for providing localized weather forecasts, empowering farmers with essential information for decision-making, and Integrated an alert mechanism to promptly notify farmers, enabling them to safeguard their crops in adverse weather conditions.

**Software Developer| ALU/BSE Faculty – Kigali, Rwanda**

**October 2023 –November 2023**

- I Led the initial development phase of a student project aimed at replicating the functionalities of the AirBnB website.
  - ★ I Collaborated with fellow team members to achieve a cohesive and functional initial stage of the AirBnB clone project.

**Mobile App Developer | Personal Project**

**May 2023**

- Designed and developed a user-friendly mobile app enabling seamless currency conversion.
  - ★ I Integrated real-time exchange rate data from the "ExchangeRate-api.com" API, providing users with accurate and up-to-date currency conversion information.

## EXTRACURRICULAR ACTIVITIES

**Co-Founder, CareerSprint**

**May 2023 - Present**

providing an intense career-building program to enable over 60+ undergraduate women to navigate obstacles in their transitions between careers successfully

**Climate Leadership Mentorship Program**

**February 2023 - Present**

I have been Coordinating with 12 team members to establish a mentorship program in Sub-Saharan Africa, pairing established leaders with emerging leaders to integrate environmentally sustainable practices into their roles.

## SKILLS

### TECHNICAL:

- **LANGUAGES**

- ★ JavaScript
- ★ Python
- ★ HTML & CSS

- **FRAMEWORKS**

- ★ Django(Python)
- ★ React
- ★ Express.js(Node.js)

- Distributed Version Control System ( Git & Github )

**SOFT:** Communication, Teamwork Leadership, Time management, Adaptability and attention to detail.

- **MY CERTIFICATES**

- ★ [Cybersecurity](#)
- ★ [NetworkSecurity](#)

## INTERESTS

- Software Architecture and Design
- artificial intelligence and machine learning
- Open Source Contribution

## LANGUAGES

English-Expert

- French - Conversational

- Kiswahili - Native