

Niyonkuru Marie Chantal

Software Developer

The day Chantal came across the words 'server' and 'client', she became curious to understand the logic behind how they communicate. Chantal is a software developer who believes Africa's most pressing problems are going to be solved by technology. Her passion for creating solutions inspired her to create an e-commerce platform using react.js that helps African farmers to expand their markets.



nnyonkuruchantal@gmail.com



+250786738069



Kigali, Rwanda



stupefied-minsky-
a8e944.netlify.app/



linkedin.com/in/niyonkuru-
marie-chantal-8a5677208



github.com/chantal2000

SKILLS

Able to build and secure RESTful APIs using the Django framework.

Able to create reusable UI components, handle the view layer for web applications using React JS framework.

Able to manipulate DOM for an interactive User Interface, and add functionality to web applications using JavaScript's ES6 features.

Ability to create APIs using Node.js and Express.js framework

Ability to create classes, objects that can be reused using OOP

Able to create responsive websites using bootstrap, media queries, HTML and CSS

Ability to handle events, animation, ... using jquery

Ability to conduct research, analyze data and come up with reports.

EDUCATION

AkiraChix

codeHive program - Diploma in Information Technology

02/2021 - Present

Courses

- ▣ **Backend Development:** Creation of functions, Object Oriented programming, Django framework to create server side web applications, data structures (List, dictionaries, tuples), RESTful APIs.
- ▣ **UX Development:** Using HTML, CSS, bootstrap, media queries to develop and style web pages.
- ▣ **UX Research:** Research methods, documentation, understanding the user needs, and come up with the information required for designing final products.
- ▣ **Frontend Development:** DOM manipulation, React.js framework, Node.js, JSON (JavaScript Object Notation), AJAX (Asynchronous JavaScript and XML), REST APIs, Node.js, vanilla javascript (callback, asynchronous, synchronous functions, etc).
- ▣ **UI/UX Design:** Designing Low and High fidelity wireframes, Prototyping, Mockup using Figma, Adobe Illustrator.
- ▣ **Mobile development:** Retrofit - API client and XML for designing UI for mobile apps

Groupe Scolaire Notre Dame De Lourdes Byimana (GSNDL), Rwanda

High school diploma in computer science with 73/73 marks

PERSONAL PROJECTS

E-Commerce platform (07/2021 - 07/2021)

- ▣ Developed an online marketplace for African farmers that connects them with buyers using [react.js](https://github.com/chantal2000/Famers-E-commerce-using-Reactjs). <https://github.com/chantal2000/Famers-E-commerce-using-Reactjs>

A doctor appointment booking system (08/2021 - 08/2021)

- ▣ Created a system using django that allows patients to book an appointment from the comfort of their homes, using their computer, phone at any time. <https://github.com/chantal2000/Doctor-Appointment-system-using-django>

REST API (08/2021-08/2021)

- ▣ Created API using node.js and Express framework where you can fetch data, send data to server (CRUD operations) with postman. <https://github.com/chantal2000/API-created-Using-Nodejs-and-Express-framework>

AkiraChix management system (08/2021 - 08/2021)

- ▣ Created an AkiraChix platform using django that helps administrators, teachers, staff to monitor activities, generate reports, upload documents, etc. <https://github.com/chantal2000/AkiraChix-management-system-created-using-Django>

Rewarding system (07/2021-present)

- ▣ Currently creating a rewarding system that leverages blockchain for AkiraChix. Conducted desk research, developed a research plan and generated reports.
- ▣ <https://docs.google.com/document/d/1weKtF68gC0ml3mM6FOBSKmT901vtWVDPcxofp4dwxsW/edit?usp=sharing>
- ▣ <https://docs.google.com/document/d/1wCQRMt7zlvQxArppl77211gJn6pMYm5UJstTyhw/edit?usp=sharing>

Ticket Booking App (06/2021 - 06/2021)

- ▣ Developed an app using Kotlin (Android) that allows Rwandan people to book tickets for transportation.
- ▣ https://github.com/chantal2000/Booking_tickets_Marie-Chantal

ACHIEVEMENTS

Won a Computer Science competition and was selected to represent Rwanda in the African Girls Can Code Initiative (AGCCI) event that took place in Addis Ababa-Ethiopia in 2018.

REFEREES

Linda Kamau

Co-founder and Managing Director at AkiraChix, linda@akirachix.com

James Mwai

CTO at Sky Garden, smartemwa@gmail.com