

# ALINE MUTESI

## SOFTWARE DEVELOPER

### PERSONAL PROFILE

Poaching remains a critical transnational crisis in Rwanda, severely impacting wildlife populations and biodiversity-rich regions, with over 60% of protected areas at risk. Aline, a software engineer passionate about conservation, strongly believes in the potential of accessible and innovative technologies to fight poaching and safeguard endangered species. She aims to bridge the technological gap in wildlife protection, accelerate the adoption of data-driven conservation strategies, and ultimately contribute to preserving Rwanda's rich biodiversity for future generations.

### SKILLS

- Skilled at using Kotlin for modern Android development, leveraging its syntax, functions, and features to build robust and efficient applications.
- Knowledge of developing RESTful APIs using Django Rest Framework.
- Knowledge in frontend development with React, building dynamic and interactive user interfaces with reusable components.
- Proficient in SQL querying and using PostgreSQL for data management.
- Knowledge of UI/UX design tools like Figma, Adobe Illustrator, and Photoshop for creating and refining user interfaces, vector graphics, and visual assets.
- Ability to measure product performance through analytics and user feedback, enabling informed decision-making and continuous improvement strategies.
- Ability to integrate and fetch APIs, enable seamless communication between different software systems, and enhance application functionality.
- Competence in version control systems, particularly Git, enabling effective collaboration, code management, and tracking of project history.

### PROJECTS

#### Crypto Price Tracker

The Crypto Price Tracker, built with JavaScript and React.JS for a dynamic and responsive user interface, utilizes the CoinGecko API to provide real-time cryptocurrency prices.

<https://github.com/Mutesi-alin/js.website.git>

#### Blockchain-Based Mitumba Trading Platform

A platform that tackles the environmental challenge of waste from surplus second-hand clothes (mitumba) by connecting traders with recycling companies through blockchain technology.

[Mitush Connect Project Document](#)

#### Student Management System

Built using Django Rest Framework and PostgreSQL, the Student Management System application enables efficient management of schools.

<http://github.com/Mutesi-alin/pythondatamodels.git>

### CONTACT



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[Linkedin](#)



[Github](#)

### EDUCATION

AkiraChix

codeHive - Diploma in information and Technology

February 2024 - Present

### COURSES

- Front-end Development
- Back-end Development
- Mobile Development
- Data and Software Architecture
- UI/UX Design
- UX Research
- Product Management
- Internet of things(IOT)

### REFERENCES

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