

CURRICULUM VITAE

MAZIMPAKA AIME CLAUDIEN

Full Stack Developer (Web & Mobile)

Kigali, Rwanda

Tel: +250 789 375 245

Email: aimecol314@gmail.com

Portfolio: <https://aimecol.com>

GitHub: <https://github.com/Aimecol>

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PROFESSIONAL SUMMARY

Motivated and detail-oriented Software Engineering graduate with strong hands-on experience in JavaScript Full Stack development, Python backend systems, and data-driven applications. Proven ability to design, build, and deploy scalable web and mobile solutions using modern technologies including React (Next.js), Node.js, Express, MySQL, PostgreSQL, Tailwind CSS, and RESTful APIs.

Experienced in working within structured internship environments, collaborating with cross-functional teams, and delivering production-ready systems aligned with real business needs. Passionate about continuous learning, clean architecture, and transitioning into international engineering standards.

CORE TECHNICAL SKILLS

Programming & Frameworks

- JavaScript (ES6+), TypeScript
- Python (Foundations, APIs, OOP)
- Java (Core concepts, OOP)
- React.js, Next.js, php, flutter, react native
- Node.js, Express.js
- HTML5, CSS3, Tailwind CSS, Bootstrap

Backend & APIs

- RESTful API Design
- Authentication & Authorization (JWT)
- CRUD Operations

- MVC & Modular Architectures

Databases & Infrastructure

- MySQL, PostgreSQL
- SQL Query Writing, functions, triggers and views
- Data Modeling and Relationships
- CSV/Excel Data Handling

Tools & Practices

- Git & GitHub
- Agile / Iterative Development
- API Documentation
- Debugging & Performance Optimization
- Client & stakeholder communication

Testing & Quality

- API testing with Postman
- Basic QA practices (test cases, bug reporting)

Soft Skills

- Problem-solving & analytical thinking
- Strong communication in English
- Team collaboration & accountability
- Growth mindset & adaptability

SELECTED PROJECTS & PRODUCTS

Personal Portfolio Platform

<https://aimecol.com>

- Designed and built a modern personal portfolio showcasing full-stack and mobile projects.
- Optimized for performance, SEO, and professional presentation.

Image Collection Platform (Private)

<https://images.aimecol.com>

- Built a secure image management and delivery system.
- Focused on performance optimization, access control, and scalable storage logic.

Ikigugu Group Corporate Website

<https://ikigugugroup.rw>

- Developed during internship as part of a professional software team.
- Implemented responsive UI, optimized content structure, and production deployment.

Virunga Ecotours Website

<https://virungaecotours.com/>

- Developed a tourism-focused website promoting eco-tourism services in Rwanda.
- Implemented clean UI/UX, responsive layouts, and optimized navigation.
- Ensured performance optimization and cross-device compatibility.

Virunga Homestay Website

<https://virungahomestay.com/>

- Built a professional accommodation website showcasing homestay services.
- Focused on user experience, content clarity, and mobile responsiveness.
- Delivered a production-ready solution aligned with hospitality branding.

Goico Rental Management System

<https://goicolt.com>

- Built a professional management system providing clarity and simplicity on Goico rental system.
- Focused on user experience, content clarity, and mobile responsiveness.
- Delivered a production-ready solution aligned with hospitality branding.

Digihealth

<https://digihealth.rw>

- Built a professional management system providing clarity and simplicity on hospital and pharmacy patient recording system.
- Focused on user experience, content clarity, and mobile responsiveness.
- Delivered a production-ready solution aligned with hospitality branding.

Peda Digital Services Platform (Current)

- User Portal: <https://peda.aimecol.com>
- Admin Dashboard: <https://peda.aimecol.com/admin>
- Built a complete ecommerce with service management system and admin separation.
- Implemented authentication, dashboards, and operational workflows.

CPFI Rwanda System (Current)

<https://cpfi.aimecol.com>

- Designed and implemented a data-driven system supporting structured workflows.
- Focused on scalability, role-based access, and clean UI.

Mobile Applications

- **Ikiraha** (Confidential) – Smart food ordering mobile application
- **Agaciro Drivers App** – driver booking application
[Agaciro Drivers](#)
- **IEMS Mobile System** – Personal financial management application
[IEMS](#)

PROFESSIONAL EXPERIENCE

Software Engineering Intern

Ikigugu Group Ltd – Musanze (Kalisimbi)

February 2025 – July 2025

- Contributed to real-world production systems used by clients and stakeholders.
- Built and maintained web interfaces and backend services.
- Collaborated with senior engineers on system architecture and deployment.
- Strengthened skills in React, Node.js, and enterprise-grade development practices.

Service Provider

PEDA Ltd – Kayonza (Kabarondo)

2021 – 2022

- Delivered e-services, mobile money, and banking support.
- Managed printing services and assisted with RRA and RDB documentation.

- Developed strong customer-facing communication and technical troubleshooting skills.

Business Owner – Hardware & Digital Services Store

Kigali (Kinamba-Gakinjiro)

2020 – 2021

- Operated a multifunctional service hub offering Irembo services, e-banking, and printing.
- Managed daily operations, customer support, and technical service delivery.

Freelance & Academic Software Developer

2024 – present

- Delivered systems include:
 - E-learning platforms
 - E-commerce systems
 - Estate management systems
 - Booking systems
 - Management systems
- Gathered requirements directly from clients and translated them into functional software.
- Ensured usability, performance, and maintainability.

EDUCATION

INES Ruhengeri University

Bachelor of Science in Software Engineering (Graduated 2025)

LANGUAGES

- English – Fluent
- Kinyarwanda – Native
- French – basic
- Swahili – basic

REFERENCES

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