

# Didier IMANIRAHARI

## Python Intern (AI-Driven Recruitment Automation)

✉ didier53053@gmail.com ☎ +250 782 953 053 📍 Kigali, Rwanda

🔗 [github.com/didier-building](https://github.com/didier-building)

### Profile Summary

Python-focused Software Engineer (B.Sc., University of Rwanda, Oct 2025) with hands-on experience building backend services, integrating REST APIs, and automating workflows. Comfortable with data processing (NumPy, Pandas), basic ML/NLP (scikit-learn, text preprocessing), and containerization (Docker). Familiar with event-driven design, webhooks, and LLM-assisted evaluation for text. Strong Git/GitHub practices, documentation, and collaborative delivery.

### Experience

#### GitHub Portfolio

2021 – Present

##### *Independent Developer*

- Built 10+ Python projects including REST APIs, automation tools, and small data pipelines.
- Integrated external APIs (requests, OAuth/keys), handled JSON schemas, and implemented robust error handling.
- Containerized and deployed services using Docker; wrote tests with pytest and set up CI basics on GitHub.

#### NLPAY Academy (Google Developers Group Hackathon, Kigali)

##### *Contributor*

- Helped prototype an AI-powered learning platform in Kinyarwanda; supported backend structure and iteration.
- Practiced version control, code reviews, and collaborative problem-solving under tight deadlines.

#### University of Rwanda

##### *Project Contributor*

- Explored distributed-ledger fundamentals; designed REST endpoints and data models for traceability.
- Gained exposure to fault tolerance, integrity, and secure transaction concepts.

### Education

#### B.Sc. in Computer & Software Engineering

10/2025

##### *University of Rwanda*

- Full government scholarship for academic excellence.
- Relevant coursework: Data Structures & Algorithms, Databases, Distributed Systems, AI/ML Fundamentals.

## Skills

**Python & Backends** – FastAPI, Django REST, requests, pydantic, SQL basics

**Data & ML/NLP** – NumPy, Pandas, scikit-learn (basics), text preprocessing, embeddings/transformers (familiar)

**APIs & Workflows** – REST, webhooks, OAuth/headers, JSON, pagination, retries, idempotency

**DevOps & Tools** – Git/GitHub, pytest, Docker, GitHub Actions (basics), Linux/Unix shell

**Cloud & Systems** – Kubernetes fundamentals (LFS250), networking concepts (TCP/IP, DNS, OSI – CCNA)

**Documentation & Comm** – Markdown READMEs, diagrams, clear commit messages, concise demos

## Certifications

**Kubernetes & Cloud Native Essentials (LFS250)**  
The Linux Foundation (2025)

**CCNAv7: Enterprise Networking, Security & Automation**  
Cisco (202)

**CCNAv7: Introduction to Networks**  
Cisco (2022)

**IT Essentials**  
Cisco (2021)

## Selected Projects

### **Application Shortlisting Automation (Personal Prototype)**

*Event-driven FastAPI service that ingests resumes/roles, extracts text, computes skill match scores (keyword + simple ML), and uses an LLM to summarize fit for human review.*

### **AI Career Platform**

*Automated CV builder + recommendation features; Python backend, basic NLP for skill extraction.*

### **NLPAY Academy**

*Contributor to AI learning platform prototype; collaborated on APIs and data handling.*

### **E-Commerce Backend (Team Avatar)**

*Product, cart, and order APIs with authentication and validation.*