Didier IMANIRAHARI

Kigali • +250 782 953 053 • didier53053@gmail.com • x.com/didier53053 • github.com/didier-building

Developer

Ambitious software developer with a strong foundation in Python/Django backend systems, blockchain fundamentals, and web automation. Possesses hands-on experience with small-scale smart contract development, web scraping scripts, and cloud-native tools. Passionate about building secure, user-focused solutions while continuously improving technical expertise. Eager to grow into a high-impact role in software development and blockchain, with long-term goals of creating innovative solutions and launching a tech company.

WORK EXPERIENCE

Self-directed Learning   **01/2021 - Present**
Independent Developer — GitHub Portfolio Projects

- Created 10+ diverse projects, from e-commerce systems and career platforms to blockchain token prototypes
- Applied advanced tools like Moccasin, Boa, and Kubernetes through hands-on practice
- Published all projects openly on GitHub for transparency and collaboration

Google Developers Group Hackathon
Team Lead — NLPAY Project   **Kigali, Rwanda, Digital Transformation Center**

i was a leader of my Team to reach our goal

- Led development of NLPAY Academy, an AI platform delivering digital skills in Kinyarwanda
- Coordinated a cross-functional team, managing task allocation, version control, and prototype delivery
- Presented to judges, recognized for local impact and innovative approach

University of Rwanda
Project Lead — Blockchain-Powered Agricultural Supply Chain System (Final Year Project)

- Designing and implementing a blockchain-based produce tracking system using Django REST and Vyper
- Integrating smart contracts for ownership transfer, price tracking, and produce status updates

EDUCATION

Bachelor's in Computer and Software Engineering
University of Rwanda   Kigali, Rwanda • 10/2025

- Awarded full government scholarship for outstanding academic performance
- Key coursework: Data Structures, Databases, Distributed Systems, Blockchain Development, AI/ML Fundamentals
- Engaged in multiple academic and independent projects (full list in Projects section, available on GitHub)

CERTIFICATIONS

Kubernetes and Cloud Native Essentials (LFS250)   05/2025
The Linux Foundation

CCNAv7: Enterprise Networking, Security, and Automation   03/2024
Cisco Networking Academy

CCNAv7: Introduction to Networks   08/2022
Cisco Networking Academy
IT Essentials: PC Hardware and Software   11/2021
Cisco Networking Academy

AWARDS & SCHOLARSHIPS

Hackathon Recognition (NLPAY Project)   01/2024
Google Developers Community
Government Scholarship Recipient   01/2021
Government

PROJECTS

- Blockchain-Powered Agricultural Supply Chain System
University of Rwanda
  • Platform for produce ownership transfer, price tracking, and status updates
  • Designed and deployed basic smart contracts using Vyper and Moccasin, tested with Boa

- E-Commerce Team Avatar
Backend APIs for product listings, cart management, and order tracking

- NLPAY Academy
AI learning platform for African digital skills in Kinyarwanda

AI Career Platform
AI-powered career development platform with CV builder

- Co-Work Connect
Workspace management system with booking, scheduling, and admin dashboard

- USSD Template for Local Market Management
Prototype for market transaction management via USSD

Portfolio Website
Personal developer portfolio site

- Django-React Tutorial App
Full-stack tutorial project with authentication and deployment

Little Lemon Restaurant Website
Restaurant management website with menu and booking features

- MOX ERC-20 Token
First ERC-20 token project with smart contract testing

- BusinessPro
Professional profile website for a client

SKILLS

Programming Languages: automation scripts, Basic smart contract development for   Ethereum-
compatible blockchains, Django, Django REST   Framework, JavaScript, Python, Querying &   database design
(Oracle,   PostgreSQL) , React, React Native, SQL, Vyper

Frameworks & Libraries: Backend: Django, BeautifulSoup, Data Automation: Requests, Django REST
Framework, Frontend: React, Pandas (basic) , React Native, Tailwind CSS

Blockchain & Web3: Able to design and deploy small-scale smart contracts, Hands-on practice with Vyper, Moccasin, and Boa for basic deployments, Strong understanding of blockchain principles, smart contracts, and wallet authentication

Data & Automation: Built scripts using Requests and BeautifulSoup for small projects, Familiar with data parsing and basic cleaning for structured outputs, Solid grasp of web scraping fundamentals and automation workflows

DevOps & Tools: Docker/Podman (rootless containers), Git & GitHub (branching strategy, PR reviews), Kubernetes — completed practice following LFS250 certification, Ubuntu/Linux (server management & shell scripting), uv (Python package manager)

Other Technical Skills: Deployment on cloud platforms (Netlify, Railway, Heroku), REST API development & integration