

Didier IMANIRAHARI - Portfolio Projects

Contact Information

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Project List

1. Blockchain-Powered Agricultural Supply Chain System

Organization: University of Rwanda (Capstone Project)

Role: Project Lead

Technologies: Django REST, Vyper, Moccasin, Boa

Description: Platform for produce ownership transfer, price tracking, and status updates. Designed and deployed basic smart contracts using Vyper and Moccasin, tested with Boa.

Link: [GitHub Repository](#)

2. E-Commerce Team Avatar

Technologies: Django, Django REST Framework, PostgreSQL

Description: Backend APIs for product listings, cart management, and order tracking.

Link: [GitHub Repository](#)

3. NLPAY Academy

Organization: Google Developers Community

Role: Team Lead

Technologies: Python, HTML, CSS, Django

Description: AI learning platform for African digital skills in Kinyarwanda.

Link: [GitHub Repository](#)

4. AI Career Platform

Technologies: Python, Django, React

Description: AI-powered career development platform with CV builder.

Link: [GitHub Repository](#)

5. Co-Work Connect

Technologies: Django, React

Description: Workspace management system with booking, scheduling, and admin dashboard.

Link: [GitHub Repository](#)

6. USSD Template for Local Market Management

Technologies: JavaScript, HTML, CSS

Description: Prototype for market transaction management via USSD.

Link: [GitHub Repository](#)

7. Portfolio Website

Technologies: React, Django

Description: Personal developer portfolio site.

Link: [GitHub Repository](#)

8. Django-React Tutorial App

Technologies: Django, React

Description: Full-stack tutorial project with authentication and deployment.

Link: [GitHub Repository](#)

9. Little Lemon Restaurant Website

Technologies: Django, React

Description: Restaurant management website with menu and booking features.

Link: [GitHub Repository](#)

10. MOX ERC-20 Token

Technologies: Vyper, Ethereum, Boa

Description: First ERC-20 token project with smart contract testing.

Link: [GitHub Repository](#)

11. BusinessPro

Technologies: Django, React

Description: Professional profile website for a client.

Link: [GitHub Repository](#)

Technical Skills Overview

Programming Languages

- Python
- JavaScript
- SQL
- Vyper (Blockchain)
- React & React Native

Frameworks & Libraries

- Django & Django REST Framework
- BeautifulSoup
- Requests
- React & React Native
- Pandas (basic)
- Tailwind CSS

Blockchain & Web3

- Smart contract development for Ethereum-compatible blockchains
- Experience with Vyper, Moccasin, and Boa

DevOps & Tools

- Docker/Podman
- Git & GitHub
- Kubernetes
- Ubuntu/Linux
- uv (Python package manager)

Other Technical Skills

- Cloud deployment (Netlify, Railway, Heroku)
- REST API development & integration

Note: All projects can be found on Didier's GitHub profile at github.com/didier-building.