IMANIRAHARI Didier  
Software Engineer  
didier53053@gmail.com  
   
+250 782 953 053  
   
Kigali, Rwanda  
   
Profile Summary  
Software Engineer with strong expertise in Python backend development, fundamentals of distributed   
systems, and experience in automation and cloud-native tools. Skilled in system design, Linux, and   
networking with certifications in Kubernetes and CCNA. Passionate about building scalable, fault-tolerant   
systems and solving complex engineering challenges.  
Experience  
Independent Developer (GitHub Portfolio)  
•Developed 10+ backend and automation projects focusing on scalability,   
reliability, and efficiency.  
•Designed REST APIs and backend services in Python/Django.  
2021 – Present  
•Containerized and deployed applications using Docker, Kubernetes, and cloud   
platforms (Heroku, Railway, Netlify).  
Contributor, NLPAY Academy (Google Developers Group Hackathon, Kigali)  
•Contributed to the development of an AI-powered digital skills platform in   
Kinyarwanda.  
•Assisted with backend design, testing, and deployment during hackathon   
prototyping.  
•Recognized for collaborative impact and innovative approach.  
Project Contributor,   
Blockchain-Powered Agricultural Supply Chain System (University of Rwanda)  
•Explored blockchain fundamentals and applied distributed ledger concepts for   
produce tracking.  
•Supported smart contract integration for secure transaction management.  
Education  
Bachelor of Computer and Software Engineering, University of Rwanda  
•Awarded full government scholarship for academic excellence.  
•Key coursework: Data Structures, Databases, Distributed Systems, Blockchain   
Development, AI/ML Fundamentals.  
2025  
Skills  
Programming & Algorithms  
Python, Django, REST APIs, SQL, Data Structures,   
Algorithms  
Linux & DevOps  
Ubuntu/Linux, shell scripting, server management,   
Git/GitHub workflows  
Distributed Systems & Networking  
Fundamentals of Blockchain, Kubernetes, Docker,   
TCP/IP, DNS, OSI layers  
System Design & Automation  
API integration, automation scripts, scalability   
optimization  
  
Awards & Recognition  
Hackathon Recognition, Google Developers Group Kigali  
(NLPAY Project, 2025)  
08/08/2025  
Government Scholarship Recipient, University of Rwanda  
26/03/2021  
Certifications  
Kubernetes & Cloud Native   
Essentials  
— Linux Foundation (2025)  
IT Essentials: PC Hardware and   
Software  
— Cisco (2021)  
CCNAv7: Enterprise   
Networking, Security, and   
Automation  
— Cisco (202)  
CCNAv7: Introduction to   
Networks  
— Cisco (2022)  
Key Highlights  
Proficient in Python for backend systems, REST   
APIs, and automation workflows.  
Hands-on experience with Linux, Docker,   
Kubernetes, and cloud deployment platforms  
Exposure to distributed systems concepts and   
blockchain fundamentals  
Certified in Enterprise Networking, Security &   
Automation (CCNA) and Kubernetes & Cloud   
Native Essentials