

NORMAN MICO RWIGENZA
FULL STACK SOFTWARE DEVELOPER

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PROFILE

Norman Mico is a full-stack developer with two years of industry experience and a five-year track record as a freelancer. Specializing in the design, development, and maintenance of robust systems, he has delivered enterprise-scale applications and supported the open-source community through contributions to an AI framework.

His full-stack expertise allows him to bridge the gap between complex backend logic and intuitive frontend design to deliver seamless end-user experiences.

PROFESSIONAL WORK EXPERIENCE

CODE OF AFRICA - Kigali, Rwanda
codeofafrica.com

IT Country Lead & Software Developer

July 2026 - Present

- Continued my role as a software engineer with added responsibility in the ITSM (IT Services and Management) department, where I overlook all operations that are IT-related such as company device management and support, IT support, network infrastructure operations and other responsibilities.

Junior Full Stack Software Developer

October 2024 - July 2026

- Built and maintained various enterprise applications including advanced address books for hospitals, human resource management applications and supply chain and manufacturing management applications for automotive companies, utilizing the modern, actively supported and actively updated frontend framework React, and also the modular class component framework Dojo Toolkit. The backend is powered by ASP.NET REST APIs retrieving data via .NET Framework services.
- Trained and worked as a DevOps Engineer, managing application containers and container orchestration to ensure reliable and scalable deployment for various applications and also worked on CI pipelines utilizing Azure Pipelines to ensure the journey from code repository branch push to live feature deployment was smooth and efficient.
- Actively collaborated within an Agile environment, strategically leveraging Azure Boards to manage and execute user stories. By maintaining a focus on both feature deployment and bugfixes, I played a pivotal role in upholding a disciplined, end-to-end development lifecycle that ensured consistent delivery.

Task Force PRO Trainee**July 2024 - October 2024**

- Participated in a comprehensive three-month professional development program, mastering a full-stack suite of .NET, React, and TypeScript. The training integrated technical mastery with essential soft skills, fostering a disciplined approach to the Agile lifecycle and refining the communication strategies necessary for effective collaboration in a fast-paced development environment.

SPIDERBIT - Kigali, Rwandaspiderbit.rw**Intern - Full Stack Software Developer****August 2022 - November 2022**

- Developed a full-stack courier management application from the ground up, leveraging modern frontend and backend technologies including React and Laravel. Designed and implemented a RESTful API using Laravel to support core application functionality and ensure efficient data handling.
- Gained hands-on experience working in a collaborative team environment, contributing to an open, discussion-driven approach to project management and problem-solving.

OTHER EXPERIENCE

LEAD ACCESS LTD. - Kigali, Rwandaleadaccessnow.com**Web Developer and Maintainer (Contract)****January 2024 - October 2024**

- Designed, developed, and maintained the Lead Access website and the *Women In Leadership Summit and Awards*: (wilsafrica.com) event website, optimizing user experience., ensuring a high-quality user experience.
- Built a user-friendly dashboard for staff to easily add content without technical expertise.
- Implement functional adjustments to enhance site performance and user engagement.
- Created a robust voting system for award nominations, facilitating seamless voting during the event.
- Provided real-time updates throughout the voting process and after the winners were announced.

SMART LOGISTICS TECHNOLOGY - Kigali, Rwanda

slogisticstechnology.com

Web Developer (Contract)

August 2023 - September 2023

- Designed, developed, and maintained the Smart Logistics Technology website, ensuring a seamless and engaging user experience.
- Collaborated with stakeholders to deliver solutions that met or exceeded expectations.

LAUNCH READY EXAMS - Melbourne, Australia (Remote)

launchreadyexams.com

Web Developer (Contract)

March 2023 - June 2023

- Designed and developed a Learning Management System tailored for flight school students, ensuring an optimal experience.
- Integrated specialized features to accommodate the needs of aviation exam preparation and delivery.

Python Developer

February 2023 - March 2023

- Developed an automation script for generating and sending client receipts post-purchase, improving operational efficiency.
- Integrated the script seamlessly into the existing website infrastructure, enhancing customer satisfaction.

IVY AI FRAMEWORK CONTRIBUTOR - Kigali, Rwanda

github.com/ivy-llc/ivy

Open Source Developer (Volunteer Contribution)

January 2023

- Contributed to the Ivy AI framework, focusing on optimizing the framework's performance in external framework integrations.
- Learned about integrating new AI models and enhancing the interoperability of the framework with various deep learning libraries.
- Collaborated with a global community of developers to maintain and update core functionalities.

RWANDA ACADEMY OF SCIENCES - Kigali, Rwanda

ras.org.rw

Web Developer and Maintainer (Contract)

April 2021 - June 2021

- Designed and developed the Rwanda Academy of Sciences website, ensuring a high-quality user experience.
- Oversaw ongoing development and maintenance, implementing functional adjustments to enhance site performance and user interaction.

EDUCATIONAL BACKGROUND

Technical School Diploma in Computer Networking **2019 - 2022**
Integrated Polytechnic Regional College - Kigali, Rwanda

O'Level High School Diploma **2016 - 2018**
King David Academy - Kigali, Rwanda

TRAININGS & CERTIFICATIONS

Task Force PRO, Code of Africa - Rwanda  **October 2024**
Training, Certified

Certified after completing a three-month professional development program focused on full-stack software development while building Agile workflow discipline and strengthening communication and collaboration skills.

Embedded Systems Training, FabLab - Rwanda **June 2024**
Training

Received training on embedded systems programming, C programming and advanced concepts like bit manipulation.

Reply Code Challenge, Reply - Italy  **March 2023**
Hackathon, Certified (Remote)

Participated in a coding competition where Python skills were applied to solve real world problems.

Polygon Africa Bootcamp, Polygon - Cayman Islands  **December 2022**
Hackathon, Certified (Remote)

Joined a bootcamp where we learned about the blockchain and Ethereum. Each participant built a blockchain solution in various business sectors.

HTML, CSS & JavaScript Course Completion, SoloLearn - United States  **March 2019**
Online Course, Certified

Completed an online course for the basic frontend languages: HTML, CSS and JavaScript.

REFERENCES

Contact information of references available upon requests.

Aleš Hriberšek
Product Owner,
DCCS

Anja Schloesser
Managing Director,
Code of Africa

Iris Irumva
Founder & CEO,
Lead Access

Eng. Daniel Murenzi
Principal IT Officer,
EAC HQ IT Dept.

Davis Mugira
Managing Director,
Spiderbit

Manasse Mbonye
President,
R.A.S

CORE SKILLS

LANGUAGES & FRAMEWORKS	BACKEND & API'S	DATABASES	CLOUD & DEVOPS	INTEGRATION
JavaScript 5 yrs.	.NET Framework / ASP.NET 2 yrs.	SQL Server 2 yrs.	Azure 2 yrs.	API Integrations 3 yrs.
TypeScript 3 yrs.	REST API Development 3 yrs.	PostgreSQL 2 yrs.	Google Cloud Platform 3 yrs.	Modular Microfrontends 1 yr.
C# 2 yrs.	Entity Framework 2 yrs.	MySQL 3 yrs.	Terraform 1 yr.	
Python 3 yrs.	Swagger / OpenAPI 2 yrs.		Docker 2 yrs.	
React.js 3 yrs.	Flask 2 yrs.		Kubernetes 2 yrs.	
Svelte.js 1 yr.			Helm 1 yr.	
Dojo Toolkit 1 yr.			GitHub Actions 1 yr.	
			GitLab CI 1 yr.	
			Azure DevOps 2 yrs.	

OTHER SKILLS

TEAM COLLABORATION	OPERATIONS & INFRASTRUCTURE	DEVOPS & PERFORMANCE	DOCUMENTATION & SYSTEMS
Agile Project Management	IT Operations & Support	CI/CD Pipeline Design	Documentation & Technical Writing
Cross-Functional Team Collaboration	System Administration	Performance Optimization	Basic Networking & Security Concepts
Language Skills Kinyarwanda (native) English (near-native) French (basic)			