

THEOPHILE NIYIGABA

Address: Nyarugenge District, Kigali City, Rwanda

Phone Number: +250 788 932 662

Email: niyigabatheo10@gmail.com

GitHub: <https://github.com/Trtheo>

LinkedIn: <https://www.linkedin.com/in/theophile-niyigaba-00b44b359>

Portfolio: <https://visittheo.vercel.app>

Certificates: <https://h1.nu/1jo7i>

PROFESSIONAL SUMMARY

Innovative and results-driven Software Engineer and Computer Engineer with strong expertise in full-stack development, IoT systems, IT support, Networking and cybersecurity. Passionate about building scalable digital solutions, enhancing user experience, and contributing to technological innovation in Rwanda and globally. Adept at designing robust systems, troubleshooting complex technical issues, and delivering impactful, user-centric applications. Seeking opportunities in Software Engineering, Full-Stack Development, or Digital Innovation.

EDUCATION

Bachelor's Degree in Computer Engineering

University of Rwanda, College of Science and Technology (CST)

Major: Computer and Software Engineering

A2 Secondary School diploma (MCE)

ES Mukono EAR, Gicumbi District

Major: Mathematics, Computer Science, Economics

Ordinary & Primary Education

GS Cyumba, Gicumbi District

TECHNICAL SKILLS

Programming

Python, Java, JavaScript, TypeScript, C, C++, PHP, Dart (Flutter), Kotlin, HTML, CSS, Tailwind CSS

Web Frameworks

React.js, Angular, Vue.js, Node.js, Express.js, Laravel, Django, Spring Boot, Next.js

Databases

MySQL, MongoDB, PostgreSQL, Firebase, SQLite

Tools & Platforms

VS Code, IntelliJ, Android Studio, PyCharm, Git/GitHub, Docker, AWS, Google Cloud, Postman, JMeter, VirtualBox/VMware, Selenium, Figma, Adobe XD

Networking / Simulation

Cisco Packet Tracer, Wireshark, Kali Linux, MATLAB/Simulink, SolidWorks

Multimedia

Adobe Premiere Pro, Photoshop, Lightroom, OBS Studio, DaVinci Resolve, Audacity

Core Competencies

Problem-Solving | Critical Thinking | Team Collaboration | Leadership | Innovation | Algorithmic Thinking | Time Management | Technical Documentation

PROFESSIONAL EXPERIENCE

Software Developer — REB-ICTE-MIS

May 2025 – August 2025

- Developed and tested web systems for data management.
- Tools: React.js, PHP, Express.js, MySQL.

Software Engineer — Berulo Foundation

March 2025 – May 2025

- Designed mobile and web systems.
- Tools: Figma, React.js, Node.js, Express.js, Flutter/Dart, PostgreSQL, Firebase.

Web Development Intern — CodeAlpha

Jan 2025 – April 2025

- Built frontend & backend components, fixed bugs, created APIs.
- Tools: HTML/CSS, JavaScript, React, Node.js, Django, MongoDB, PostgreSQL, GitHub.

Software Engineer — Jackal Tech Ltd

Feb 2025 – May 2025

- Led development of **Furious Finger Typing Master** to boost digital literacy.
- Tools: HTML, CSS, Bootstrap, Django, PostgreSQL.

Full-Stack Developer Intern — TechnoHacks Solutions

Sept 2024 – Dec 2025

- Built complete web applications (E-commerce, Chat App, Blog, Event Finder).
- Tools: Node.js, MongoDB, PHP, REST APIs, GitHub.

Embedded Systems & IoT Intern — Fablab Rwanda

May 2023 – Nov 2023

- Designed IoT solutions and integrated hardware with software systems.
- Tools: Arduino, Flutter, React.js.

Full-Stack Developer Trainee — KLab

2022 – 2023

- Built scalable applications and collaborated with clients on UI/UX prototypes.

Program Instructor — ES Mukono (Part-Time)

2021 – 2024

- Taught Computer Science and Mathematics.
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PROJECTS

Wallet Management System — PHP, JavaScript, MySQL

Transaction tracking, budgeting, data visualization, export to PDF/Excel.

Library Management System — React.js, PHP, MySQL

Automated borrowing/return, multi-role authentication.

Family Cohesion App (Ongoing) — Flutter, Firebase

AI-powered family bonding & equality mobile app.

Best Scholars Portal (Ongoing) — Node.js, Angular, MongoDB

Real-time scholarship/job tracking platform.

E-Commerce Platform (Ongoing) — Laravel, React, MongoDB

Secure payments, admin dashboard, product management.

Event Management UI, LMS UI, Pharmacy UI — Figma

Modern UI/UX prototypes for client projects.

CERTIFICATIONS

Modern JavaScript – IHUZO

Java Programming – IHUZO

Spring Boot – IHUZO

HTML & CSS – IHUZO

Networking & IT Essentials – CISCO

Effective Presentations – HP Life
Data Science & Analytics
Foundations of UX Design – Microsoft
React Development
Node.js Development
SQL (Advanced) – HackerRank
System Administration – Microsoft
Android Development – Udacity
Full-Stack (MERN) Certification – University of Texas (2024)

All certificates available via your online certificate link.

LANGUAGES

Kinyarwanda: Native
English: Fluent
Chinese : Basics

HOBBIES & INTERESTS

Coding competitions | IoT & embedded systems | Mentorship | YouTube content creation |
Reading tech research | UI/UX design | Gaming | Fitness | Traveling

REFERENCES

Dr. Alexandre NGENZI – University of Rwanda
Phone: +250 788 777 992 | Email: alexanderngenzi@gmail.com

Mr. Dieudonne UKURIKIYEYESU – University of Rwanda
Phone: +250 785 684 484 | Email: ukodox@gmail.com

Mr. TUYISHIMIRE Jean Marie Vianney – Rwanda Basic Education Board
Phone: +250 788 458 374 | Email: tuyjmv@gmail.com