

# Yorick-Ntwari Niyonkuru

Portfolio - [GitHub](#) - [LinkedIn](#) - [HackTheBox](#) | [yorick1125@gmail.com](mailto:yorick1125@gmail.com) | Montreal, QC

Results-Oriented Software Developer with expertise in architecting scalable cloud management solutions and high-performance REST APIs. Specialist in **Proxmox virtualization**, **MEAN stack**, and **secure payment integrations**. Proven track record in achieving **ISO 20022 compliance** and delivering industrial IoT solutions for multi-billion dollar enterprises

## TECHNICAL SKILLS

**Programming Languages:** C++, TypeScript, Python, C#

**Dev Stack:** MEAN (MongoDB, Express, Angular, Node), ASP.NET

**Tools:** Linux, Git, Jira, Docker, Powershell, Proxmox, Slack

## WORK EXPERIENCE

### Full Stack Cloud Developer

May 2024 - Current

[Oriso Solutions - IC3](#) ( in production)

- As part of a dev team of three, developed both frontend and backend features for a cloud cluster management website with ecommerce integration, including scalable deployment workflows, virtual machine management, resource monitoring, secure transaction processing, and .
- Individually was responsible for the full Proxmox integration into our REST API [Node](#) Express server that connects to a user's Proxmox Cluster in order to allow remote virtual machine management. In addition to the fully functional API backend, was also responsible for creating all the Angular front-end components that allowed users to use this backend in a user-friendly manner.
- Implemented a secure backend payment system allowing providers to purchase virtual machines from their partner, built and deployed scalable production features for IC3's cloud cluster manager, generated marketing leads at Vegas Conference 2025, improved customer retention through UX design and reduced web application latency.
- Our team was nominated at the Scale Computing Platform Summit Awards 2025 for IT Leadership in Data Center
- Implemented secure coding design to successfully pass ISO 20022 security audits
- Completed Udemy certificates on Typescript, Angular, Networking, Cybersecurity
- Tech: [Angular](#), [Node JS](#), [MongoDB](#), [Linux](#), [Git](#), [Jira](#), [Proxmox](#)

### Mobile Developer Intern

January 2024 - May 2024

[Oriso Solutions](#)

- As an intern, created a cross-platform mobile app that allows parents to find qualified babysitters near them.
- Implemented secure payment systems from parent to babysitter as a potential source to generate revenue
- Implemented Trustii API in order to ensure the validation of identity and background/criminal record checks in order to ensure the security of our users.
- Tech: [Javascript](#), [Stripe](#), [Bubble IO](#), [Cybersecurity](#)

### Software Engineering Intern

June 2023 - August 2023

[PTC - Parametric Technology Company](#)

- Worked in an Agile Environment for a \$2 billion dollar company as an intern on [Thingworx](#), an Industrial Internet of Things application software.
- Developed a backend solution for publishing custom equipment data and alert notifications using Java, Prometheus DB and Grafana.
- Used JMeter scripts for testing application performance
- Tech: [Java](#), [Javascript](#), [Docker](#), [Prometheus](#), [Grafana](#), [JMeter](#)

### Front-End Developer

Dec 2020 - Jan 2021

[Maison Shalom Foundation](#) <- click to donate

- Designed a donation page for a website to help raise funds for building a school in Kigali for Burundian refugees. The fundraiser has currently raised over 600 000\$USD.
- Developed a minimum viable product in React that was later redesigned in WordPress.
- Tech: [React](#), [TypeScript](#), [SQL](#)

### IT Intern

Jun 2020

[Oriso Solutions](#)

- In the midst of the COVID-19 pandemic, cleared out all office work computers, reformatted windows 10, windows servers and Linux firewalls.
- Troubleshooted hardware issues with windows desktops, Lenovo laptops, and Linux firewalls

### EDUCATION:

- DEC in **Computer Science (2024)**, John Abbott College, Sainte-Anne de Bellevue  
Topics Covered: OOP (C#), Data Structures and Algorithms (Java), Full-stack Web Development (ASP.NET), Cross-Platform Mobile Development, Networking, Operating Systems, Cybersecurity , Internet of Things
- High School Diploma from **Bourget Private College (2019)**, Rigaud

### PERSONAL PROJECTS

#### 3D Video Game Developer

<https://yorick1125.itch.io/chase>

Dec 2025

- Released a fully functional 3D game built in Unreal Engine 5, and collected payments with downloads on Itch.io. Led full design, implementation, and social media marketing lifecycle.
- Skills Used: [C++](#), [Unreal Engine 5](#)

