ROMARIC LONFONYUY

Building Scalable, Secure, and High-Performance Backend Systems

City: Yaoundé - Cameroon | **email**: lonfonyuyromaric@gmail.com |**online portfolio**: https://romaric250.vercel.app

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PROFESSIONAL SUMMARY

Passionate and results-driven **Backend Developer** with a strong foundation in building secure, scalable, and efficient backend systems. Proficient in modern technologies, including **Python, JavaScript, TypeScript, Node.js, Next.js, MongoDB, and PostgreSQL**. Adept at optimizing system performance, implementing **CI/CD pipelines**. Demonstrated ability to mentor junior developers and drive high-impact engineering projects.

SKILLS

- Backend Development (**TypeScript**, **JavaScript**, **Node.js**, **Python**)
- Web Frameworks (**Express.js**, **Next.js**, **React Flask**, **Django, Html, CSS**)
- Database Management (**MongoDB**, **PostgreSQL**)
- Cloud & Deployment (**Docker**, **render**, **Vercel**)
- CI/CD Pipelines & DevOps
- API Development & RESTful Services

- Security & Authentication (Clerk, NextAuth, JWT, OAuth)
- Performance Optimization & Horizontal Scaling
- Agile & Scrum Methodologies
- Teaching & Mentorship
- Team work, Time management and effective collaboration.

WORK HISTORY

2023 to 01/2025: Software Engineer at TiC Foundation

- Developed and maintained company websites
- Increased website engagement from **300 to 1,000 active monthly users**, boosting user retention by **70%** and reducing page load time by **50%**.
- Implemented backend optimizations that enhanced security, scalability, and database efficiency through horizontal scaling.
- Mentored and supervised **15 interns**, guiding them in software development best practices.

01/2023 to Current: Backend Engineer at Skaleway

- Designed and developed backend systems for **LMS platforms and mobile applications**, increasing system efficiency by 50% and reducing API response times from **1.8s** to **600ms**
- Built a **secure, scalable, and high-performing** backend infrastructure capable of handling **over 2 million concurrent users**, reducing downtime by **90%**.
- Implemented robust API architectures and optimized database queries, reducing query execution time by **65%** and boosting overall backend performance by **40%**
- Implemented **robust API architectures** and optimized database queries for improved performance.

06/2024 to Current: Backend Engineer and Instructor at Developer Institute, Cameroon

- Provided hands-on training in **backend web development to over 25 students**, teaching **JavaScript, Node.js, Python** and **Flask**.
- Developed scalable backend solutions for the company's internal projects, ensuring **high availability and fault tolerance**.
- Implemented **CI/CD workflows** to streamline development and deployment processes.

07/2023 to 2024: Software Engineer at Algorithmic International School of Programming Bastos

Taught **Python programming** to over **50 students**, covering mobile app development (Kivy), backend development (**nodeJs and Flask**), and game development (**Python-based engines**), with 80% of students successfully completing real-world projects.

Education:

BSc Equivalent in Software Engineering, **2023** – Holberton School of Engineering, ALX

Certifications:

ProBackend Developer | Holberton School of Engineering

Professional JavaScript Certification | FreeCodeCamp