ROLAND OKILI

Phone: +1 (731) 599-4122
Email: contact@rolandokili.com
Website: rolandokili.com
LinkedIn: linkedin.com/in/rolandokili/

PROFILE

Full Stack Developer and **Systems Engineer**, specialized in web application development, with experience in deploying IT infrastructures, virtualization, networking, and business applications on-premises. Proven experience on institutional and national projects, including projects financed by the World Bank.

PROFESSIONAL EXPERIENCE

April 2025 - Present | **Systems & Infrastructure Engineer (Junior)** — Directorate General of Statistics (DGS), Gabon

- Administered and maintained **physical and virtualized servers**.
- Deployed and managed the official website of the Directorate General of Statistics (DGS) on-premises.
- Implemented and maintained internal applications including Survey Solutions, Snipe-IT, and Nextcloud.
- Built and managed infrastructure solutions using **Docker CE**, **VMware ESXi**, **Proxmox VE**, **FreeRADIUS**, **Teleport**.
- Designed a secure government-grade **internet access portal** for controlled network access.
- Deployed **high-availability virtualization clusters** to ensure service continuity.

Key Projects

- **National Population and Housing Census**: **Led and supervised a team of 12 technicians**, configured and deployed 5,000+ Android tablets for field operations.
- **ESUPSO Project** (Official Statistics Satisfaction Survey): **Designed and implemented** survey questionnaires compliant with **regional standards**, coordinated technical training for 13 field-agent instructors.

January 2022 – December 2024 | **Officer** — Phi Theta Kappa Honor Society (BMCC)

- **Led chapter meetings** and contributed to **strategic planning and chapter initiatives**.
- Developed **leadership**, **time management**, **stress management**, and **professional communication** skills.

January 2021 – Present | **Freelance Web Developer & Brand Strategy**

- **Designed and developed modern, responsive websites** and web applications (personal website, weather app featuring a global search engine covering 147,000 cities worldwide).
- **Independently launched an online retail website**, handling site setup, product listings, and marketing.
- **Designed and developed branding assets** using Adobe Creative Suite (Photoshop, Illustrator, InDesign).

EDUCATION

September 2026 – June 2027 | **Bachelor's Degree in Computer Science (In Progress).** Université Paris 8.

January 2018 – December 2022 | **Associate Degree in Computer Science – *Honors*.** Borough of Manhattan Community College (BMCC), New York, USA.

KEY SKILLS

Web Development: React, Node.js, Express, Django, JavaScript, Python, REST APIs.
Databases: PostgreSQL, MySQL, Django ORM.
Systems & Infrastructure: Linux, Docker, VMware ESXi, Proxmox, Virtualization, High Availability Clustering.
Networking & Security: Network configuration, RADIUS authentication, captive portals, access control systems.
Languages: French (native), English (fluent).