

Rapenegsama Jean Yves Bouda

IT manager: infrastructure, business applications and cybersecurity

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PROFILE

For 5 years I have designed, secured and run information systems across West Africa, from 3G/4G/5G sites to enterprise ERPs, for an international development agency and private companies.

AREAS OF EXPERTISE

Infrastructure & networks

LAN/WAN · Linux · Nginx · Docker · Kubernetes

Cybersecurity & compliance

ISO 27001 · OWASP · Nessus · OpenVAS · Google Cloud
Security

Business applications & integration

Odoo · API REST · Python · Django · Mobile Money

Governance & delivery

Scrum · Jira · CI/CD · AWS · KPI

PROFESSIONAL EXPERIENCE

Senior technical assistant, digital transformation

Jan 2025 to present

LuxDev, Ouagadougou

- Security audit and remediation: **40% fewer vulnerabilities**.
- CI/CD pipelines: **30% faster delivery**.
- Country office business applications on Odoo: inventory, procurement, budgets.
- Vehicle GPS tracking API for route monitoring and safety alerts.

Head of digital transformation

May 2022 to Dec 2024

LOKTORE SARL, Ouagadougou

- E-health platform integrated with insurers, health funds and healthcare facilities.
- CI/CD deployment architectures on AWS.
- Patient data protection and regulatory compliance.

Telecom engineer

Oct 2021 to May 2022

Huawei, Ouagadougou

- Configured and commissioned BTS 5900/3900 for 3G/4G/5G coverage.
- Site supervision, network incident resolution and vendor coordination.

Software engineer

Mar to Sep 2021

IT Nearshore Service, Tunis

- HR and recruitment applications, including an AI skills-assessment model.

PROJECTS

Document automation with OCR and AI

Data extraction from invoices and administrative documents, exposed through an API and used by several business applications. Models run locally on self-hosted container infrastructure.

ERP implementation

Inventory, procurement, warehouse, invoicing and accounting for pharmacies and SMEs.

Mobile payment

Digitalising solar-sector operations

Mobile Money integrated into web and mobile applications with secure transaction flows.

Full scoping of a platform: terms of reference, 15 technical specifications and user guides.

EDUCATION, CERTIFICATIONS AND LEADERSHIP

EDUCATION	CERTIFICATIONS	LEADERSHIP & LANGUAGES
Engineering degree, software engineering ISGE-BF, 2021	Google Cloud Security Google	President, Rotaract Club Ouagadougou Millénium 2025–2026
Higher technician diploma, networks & telecom ISGE-BF, 2018	DevOps Advanced LeCloudFacile, 2025	Translation & online activities, District 9101 10 countries, 3 working languages
	Full Stack Python Bootcamp Orange Digital Center	French and English TOEIC 805