

Pierre Mfoundou

IT CONSULTANT & DEVELOPER · INFORMATION SYSTEMS & DATA

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PROFILE

IT consultant and information systems developer with 8 years of experience serving government institutions, donor-funded programmes and development partners in the Republic of the Congo. Design and national deployment of the eLIS and eSIC health information systems (Ministry of Health, Global Fund financing), centralized beneficiary databases, and data validation work for WFP. Experienced in turning institutional requirements into operational solutions and training non-technical users.

CORE COMPETENCIES

Databases: PostgreSQL, MySQL, MongoDB, SQLite · centralized beneficiary and health-data repositories · data modelling for government reporting

Data & integration: REST APIs · data collection and validation workflows · field-to-central interoperability · offline-first synchronization

Software development: Vue.js/Nuxt · Laravel/PHP · NestJS/Node.js · Flutter/Dart · Android · full lifecycle, from requirements to deployment

Public-sector delivery: requirements workshops with ministries · technical specifications · user manuals and training for non-technical users · multi-site deployments (Brazzaville, Pointe-Noire, Madingou)

Tools & methods: Git/GitHub · Agile project management · Power BI (basics) · technical documentation

PROFESSIONAL EXPERIENCE

IT Consultant · Ministry of Health and Population, health information systems JUL 2026 – PRESENT
– Phase 2 of the national eLIS & eSIC systems: functional extensions, data quality improvements and continued national rollout, in ongoing collaboration with CRS.

IT Officer · ARTF, Funds Transfer Regulation Agency SEP 2025 – PRESENT
– Developer within the IT department: financial data flows and regulatory reporting.
– Design and development of the redesign of the agency's institutional portal.

Expert IT Consultant · Catholic Relief Services (CRS), Global Fund OCT 2024 – NOV 2025
– Design, development and deployment of eLIS (laboratories) and eSIC (community health) for the Ministry of Health, from requirements to production.
– Databases, data entry and validation workflows, user training in Brazzaville, Pointe-Noire and Madingou.

IT Consultant · Elonga Victorious Communication (EVC) OCT – DEC 2024
– Delivery of the official ARPCE portal and its related sites.

IT Consultant · PDAC, Commercial Agriculture (World Bank) JAN 2019 – OCT 2024
– Official website, Android field data collection app and centralized beneficiary database: components delivered in 2019, then maintained and evolved until 2024.

IT Consultant · Elonga Victorious Communication (EVC) OCT 2020 – 2024
– Design of the Congo Télécom website, followed by maintenance and evolutions.

Technical Lead, Digital Health Applications · SantéF APR 2020 – NOV 2022
– SantéF (public-facing app with electronic vaccination record) and SantéF-Doc (platform for health professionals).

Consultant Developer · FAEAfrica

2022 – 2023

- Development of the educational foundation's digital presence (UNESCO Club).

IT Consultant · Embassy of Equatorial Guinea in Congo

JUN 2021 – JUN 2022

- Official trilingual website (FR/EN/ES) on a Laravel/MySQL architecture.

Developer, MEZA Project (WFP) · Fongwama developer community

2019

- Validation and correction of nutrition data on the MEZA platform, in direct coordination with WFP focal points.

Intern · ARPCE

2019 (6 MONTHS)

EDUCATION & CERTIFICATIONS

Licence (Bachelor's degree) in Systems Analysis and Programming · IEPA, Brazzaville (state-accredited) 2021

VCoP Francophone certificate, AI in Public Health · WHO AFRO 2026

Flutter and Dart: Developing iOS, Android, and Mobile Apps · IBM 2026

Introduction to Mobile App Development · IBM 2025

Mobile Development Training · Yekolab 2016

LANGUAGES

French: native · English: technical working knowledge, in intensive training · Lingala: intermediate

DISTINCTIONS & COMMUNITY ENGAGEMENT

- Winner, WFP Food Security Hackathon (2017); participant, global Flutter Hackathon (2019).
- Web development trainer, Google Women Techmakers Brazzaville (since 2017); co-organizer and coach, GDG Brazzaville (since 2016).

Full portfolio and references: mfoundou.cg