Orion Wambert

Senior Full-Stack Engineer | Java · Spring Boot · Node.js · React · Flutter

contact@orionwambert.com | +242 06 903 06 42 | Brazzaville, Republic of the Congo (UTC+1) | Open to remote work and relocation
orionwambert.com | linkedin.com/in/orion-wambert-080501139 | github.com/OrionWambert

SUMMARY

Senior Full-Stack Engineer with 8 years of experience building backend, web and mobile applications. My core stack is Java / Spring Boot and Node.js / NestJS on the backend, React on the web and Flutter on mobile. Most of my recent work is on national-scale systems in the Republic of the Congo (electronic invoicing, payments, biometric identification, health insurance and e-government), where reliability matters and connectivity cannot be taken for granted. I have also delivered software for French companies such as L'Oréal and for UN agencies. Today I coordinate a team of four developers alongside BAs, PMs and QA, and mentor junior engineers.

SKILLS

Core Backend: Java, Spring Boot, Node.js, NestJS

Frontend & Mobile: React, Flutter, JavaScript, TypeScript, Dart

Architecture: REST APIs, Microservices, System Design, Offline-first sync

Cloud & DevOps: Docker, Kubernetes, CI/CD (GitLab CI), Git

Data: PostgreSQL, Redis

Practices: Code review, mentoring, Agile / Scrum

EXPERIENCE

Senior Software Engineer

May 2025 – Present

Akieni · Brazzaville, Congo

- Build and ship features on national platforms for government, fintech and healthcare, from design to production deployment.
- Coordinate a team of 4 developers with business analysts, project managers and QA, turning functional requirements into delivered features. Member of the engineering executive committee.
- Mentor junior developers and learners of the Akieni Academy training program.

Key projects

- **SFEC** – Contributed to the design and development of Congo's national certified e-invoicing platform (Ministry of Finance / DGID), mandatory for all businesses since August 2026. It certifies invoices in real time through a web portal, an API and certified terminals.
- **eGov and CongoPay** – Contributing to the national e-government platform and to a payment platform that connects government services, banks and Mobile Money operators.
- **GovStack** – Integrating open-source building blocks into national infrastructure: MOSIP (digital identity), Mojaloop (instant payments), Payment Hub EE (government payments) and X-Road (secure data exchange).
- **SangVie** – National blood management platform for the CNTS: donor management, stock tracking and emergency alerts, designed to work offline.
- **ABIS** – Multimodal biometric identification system serving millions of users.
- **Camu** – Universal health insurance platform with offline biometric enrollment and verification.
- **Akieni Pay** – High-throughput payment middleware for fintech services.
- **eReputation and eNews** – Social media and news trend analytics platforms.

Technical Manager

Oct 2021 – May 2025

Ginov · Brazzaville, Congo

- Delivered enterprise software for French clients within offshore teams, from architecture to client deployment.
- Clients and projects: L'Oréal, Onet Technologies (industrial solutions through the Daxium-Air partnership), a large-scale data visualization platform for a real estate diagnostics group, and custom B2B applications for French SMEs.

Consultant Developer Jan 2022 – Jan 2023
Natal Group

- Delivered cross-platform Flutter mobile apps end to end, from UI design to API integration and store release.

Full-Stack Developer 2019 – 2023
Kwaber · Fintech

- Developed Kwaber Transfert, a cross-border remittance platform from France to Congo: instant transfers from bank cards to Mobile Money (Airtel Money, MTN MoMo), Stripe payments and real-time exchange rates.

Co-Founder and CTO 2019 – Present
Niochi · niochi.com

- Defined the technical strategy and architecture of a tourism platform (iOS, Android and web) for discovering African cities. Presented at the Africa-France Summit.

Full-Stack Web3 Developer (Freelance) Mar 2022 – May 2022
Phast-Vault · Remote

- Built decentralized application (dApp) features for a Web3 project.

Software Developer, Civic Tech and Open Source Dec 2017 – Present
Fongwama · Brazzaville, Congo

- **EduCovid (UNFPA)** – Lead developer of the COVID-19 response mobile app launched by the Ministry of Health and the UN system: proximity alerts, push notifications and field data collection. Published on Google Play and the App Store.
- **Madédé (WFP)** – Mobile app supporting smallholder bean farmers in the Bouenza region.
- **EduPalu** – Malaria education app, 2nd out of 650+ projects at the RFI Challenge App Afrique.
- **DensiPara (FCRM)** – Clinical tool computing parasite density for malaria diagnosis by microscopy.

Instructor Jun 2019 – Jan 2020
Yekolab · Brazzaville, Congo

- Taught software development at a training center for new technologies.

EDUCATION

Bachelor's Degree, Computer Networks and Telecommunications 2016 – 2019
ESCAT · Brazzaville

Professional Training, Enterprise Application Development (Java EE) 2017 – 2018
Yekolab · Brazzaville

AWARDS AND COMMUNITY

- Jakarta EE Ambassador.
- Winner, Francophonie Games (UNESCO), 2017, with Fongwama. Finalist, RFI Challenge App Afrique, 2016.
- Co-leader of Flutter Congo (2018 – 2023) and of the Congo Java User Group (2018 – 2021). Senior Technical PM at GDG Brazzaville (2018 – 2020), training 100+ learners.
- Scrum Foundation Professional Certificate (CertiProf), 2022.

LANGUAGES

French (native), English