



John NGUEMBU

Software Fullstack Engineer

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Passionate and enthusiastic Full Stack Developer with 4+ years of experience, specialized in building robust web and mobile applications. Detail-oriented and quality-driven, I enjoy turning complex ideas into concrete, maintainable software solutions.

Education

Master 1 — Information Systems & Software Engineering (SIGL) 2025 — Ongoing

University of Yaoundé I, Cameroon

- Focus on software architecture, advanced databases and distributed systems engineering.

Bachelor's Degree — Information Systems & Software Engineering 2022 — 2025

University of Yaoundé I, Cameroon

- Comprehensive training in software development, algorithms, networks and databases.
- Projects: web platforms, mobile apps, REST APIs.

Professional Experience

Full Stack Developer — Freelance 2021 — Present

Client & open-source projects, Yaoundé

- Web and app development for local businesses (TMS Medical, Keng Engineering, Mamzy Color Kids).
- Design and deployment of REST APIs with Django and Spring Boot.
- Cross-platform mobile development with React Native and Expo (BloodLink).
- NASA Space Apps Challenge 2024 participant — 48h international hackathon.

Web Developer — Academic Projects 2023 — 2025

University of Yaoundé I

- TERRABIA: agri-tech platform connecting farmers and buyers with integrated delivery service.
- TradeFlow: full-stack e-commerce with secure payment and seller dashboard.
- Tempo Air Quality: environmental data collection and visualization platform.

Key Projects

- **BloodLink** — React Native · Expo · TypeScript
github.com/nguembu/bloodlink
- **TradeFlow** — Django · React · PostgreSQL
tradeflow-4lg3.onrender.com
- **TERRABIA** — Python · Django · Full Stack
github.com/nguembu/TERRABIA
- **Tempo Air Quality** — Python · Django · Data
github.com/nguembu/tempo_air_quality
- **Blog Platform** — Django · DRF · MySQL
github.com/nguembu/blogPlatform

CONTACT

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SKILLS

BACKEND

Spring Boot Django Node.js Java Python

FRONTEND

React Vue.js TypeScript HTML/CSS

MOBILE

React Native Expo

TESTS & QA

Vitest Pytest Postman CI/CD

DATABASES

MySQL PostgreSQL

TOOLS

Git Docker GitHub Actions

LANGUAGES

Français — Natif

Anglais — Notions (A2)

■ NASA Space Apps

Challenge — Participant 2024