

AMADOU AROUNA

Backend Engineer & DevOps Specialist

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■ PROFESSIONAL SUMMARY

Innovative Backend Engineer and DevOps specialist with 8+ years of excellence in building scalable, mission-critical systems across West Africa and Europe. My journey into technology is enriched by an unconventional foundation: a Bachelor's Degree in Plant Biology and Physiology paired with Political and Economic Analysis from the University of Lomé. This unique interdisciplinary background shapes how I approach software architecture—treating systems as living ecosystems that require sustainable design, careful resource management, and strategic growth planning. Certified in Python Programming and Digital Business Management (Belgium FUN MOOC), I've successfully led technical teams of 12+ developers, architected robust microservices infrastructures, and designed cloud solutions that empower organizations to scale with confidence. Expert in the elegant intersection of distributed systems, intelligent automation, and API design—with a methodical, systems-thinking approach that bridges scientific rigor with engineering excellence. I build more than code; I create resilient digital ecosystems where technology, business strategy, and user impact converge to transform how people live and work.

■ TECHNICAL SKILLS

DevOps & Cloud:

Docker, Kubernetes, Jenkins, Google Cloud, AWS, Oracle Cloud, Prometheus, Grafana, Digital Ocean, Microservices

Backend:

Go, Python, Node.js, Express.js, Nest.js, gRPC, WebSocket, Google Maps API, PostgreSQL, Redis, MongoDB, Firebase, Laravel, MySQL, RabbitMQ

Frontend Web:

React, Next.js, Angular, Vue.js, Nuxt.js

Mobile:

Flutter, Swift, Ionic, Electron, React Native, Kotlin, Capacitor

AI Tools:

OpenAI API, n8n

Other:

Git, GitHub, Memoogo NX

■ EDUCATION

● Bachelor's Degree in Plant Biology and Physiology

University of Lomé, Lomé, Togo | October 2012 - January 2018

Also earned Associate Degree in Political and Economic Analysis, developing strong analytical and research methodologies.

■ CERTIFICATIONS

- **Digital Business Management** - BELGIUM FUN MOOC | December 2018 - April 2019
- **Python Programming** - BELGIUM FUN MOOC | December 2018 - April 2019

■ WORK EXPERIENCE

● Consultant

Yas Togo | Lomé, Togo | Jul 2025 - Aug 2025

Provided technical consulting for Yas Togo, a major telecommunications operator (formerly Togocom), specializing in automobile park management system development. Led project planning and modeling, delivered technical expertise in project development and design, and coordinated comprehensive testing and validation to ensure compliance with industry standards.

● Senior Developer, DevOps

WiiCode | Dakar, Senegal | Nov 2024

Directed backend development team for innovative remote work solutions, managed system configurations and deployments.

Technologies: Node.js, Microservices, Docker, AWS

● Technical Supervisor

BKG Speed | Lomé, Togo | Mar 2024 - Nov 2024

Led a team of 12 developers building an Uber-like application, implementing DevOps practices and backend architecture.

Technologies: Express.js, Nest.js, React, Flutter

● General Manager (Africa Section)

Optiosdev | Lomé, Togo | Sep 2023 - Feb 2024

Managed projects using microservices architecture, developed Airbnb-like application and logistics platform.

Technologies: Nest.js, Next.js, NX Monorepo, React

● Senior Backend Developer and DevOps Engineer

Klic | Lomé, Togo | Jun 2023 - Aug 2023

Developed a multi-server platform connecting users with restaurants and drivers.

Technologies: Node.js, PostgreSQL, Redis, Docker

● Partner, Consultant and DevOps Engineer

NamDje | Lomé, Togo | Oct 2022

Built secure mobile payment application with Python backend and React frontend.

Technologies: Python, Django, React Native, AWS

■ FEATURED PROJECTS

■ Deep Paris

Digital cleaning site management platform for major French cities. Enables clients to add sites for cleaning, assign agents to receive organized missions, ensures complete traceability with QR codes and photos, with an impeccable service before and after cleaning. Allows finding qualified agents within minutes for homes, businesses, and commercial services.

■ BKG Speed

Logistics services and delivery platform connecting clients with reliable couriers for fast West African delivery. The application offers real-time tracking, secure payments, and a user-friendly interface for individuals and businesses seeking efficient delivery solutions.

■ TRENDZ

Innovative event discovery platform designed to help users find and participate in exciting local events. With an elegant interface, the application allows users to browse trending events, purchase tickets, and connect with people sharing similar interests. TRENDZ transforms the way people discover and experience entertainment in their communities.

■ MOLORY

Carpooling application designed to make daily commutes more affordable, efficient, and environmentally friendly. The platform connects drivers with available seats with passengers heading in the same direction, creating a community transportation alternative that reduces traffic congestion and carbon emissions.

■ Oreonyx

Professional digital work platform that enhances team collaboration and productivity. This comprehensive site simplifies communication, document management, and project workflows, enabling organizations to function effectively in a professional digital environment.

■ NamDje App

Secure digital payment mobile application designed to simplify financial transactions. With robust security features and an intuitive interface, the platform allows users to send money, pay bills, and manage their finances with complete confidence and convenience.

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● Python Programming

Belgium FUN MOOC | December 2018 - April 2019

● Digital Business Management

Belgium FUN MOOC | December 2018 - April 2019

■ LANGUAGES

● French - Native | ● English - Professional Working Proficiency

■ PROFESSIONAL LINKS

● **GitHub:** github.com/kodesonik

● **Portfolio:** <https://kodesonik.github.io/>