

Birewa Audrey AMONA Software Engineer

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PROFESSIONAL EXPERIENCE

Software Engineer, Boskalis

07/2025 – 05/2026 | Lome, Togo

- Built internal tools for data visualization, dashboards, and reporting to support engineering and survey teams.
- Designed and implemented data validation and transformation pipelines, improving reliability of multi-source datasets.
- Developed backend automation tools and data-processing services using Python.
- Collaborated closely with cross-functional teams (survey, engineering, operations) to improve data quality and system usability.
- Automated Excel-based workflows and documentation, reducing repetitive manual tasks.

AI Engineer, W3Frame

03/2025 – 06/2025 | remote

Developed JurisAI, a Next.js application integrating Perplexity API for AI-powered OHADA legal research and chat assistance.

Chief Technology Officer & Backend Developer, OrgaAfrica

06/2024 – 02/2025 | Remote

- Led technical development and coordinated an engineering team, defining system architecture.
- Designed and implemented RESTful APIs using Node.js, Express, TypeScript and Supabase, .
- Managed server deployments, domains, and CI/CD pipelines on Linux-based infrastructure.

LeGombo

Full Stack Developer

12/2023 – 07/2024 | Remote

- Built a responsive Progressive Web App (PWA) for fintech services using React and Node.js.
- Developed backend services with Node.js, Express, and MongoDB, including RESTful API design.
- Integrated external payment APIs and handled end-to-end data flow validation.

Full Stack Developer

07/2023 – 09/2023 | Lomé, Togo

- Developed a queue management system.
- Implemented responsive user interfaces.

TECHNICAL SKILLS

Frontend

React, Next.js, HTML5, CSS3, TailwindCSS, Responsive Design, PWA

Backend

Python (Django), Node.js, Express.js, TypeScript, Laravel, REST APIs

Databases

PostgreSQL, MySQL, MongoDB, Supabase, SQL query optimization

Data & Geospatial Computing

Python, VBA, Data Processing & Validation, Geospatial Computing, Coordinate Transformation, GIS/CMS Integration, CAD Map Production, Algorithm Design, File Format Parsing

Systems & DevOps

Linux, Bash, Docker, Nginx, Apache, Git, GitHub Actions, VPS, IaaS

AI-Assisted Development

Claude Code (2 years daily production use), AI-driven code generation, refactoring, testing, and documentation with systematic validation

Tooling & Monitoring

Data quality monitoring, event tracking, internal dashboards, CI/CD, AI-assisted development (Claude Code)

EDUCATION

Professional Bachelor's Degree — Corporate IT (First Rank Honors, A+),

IFNTI – Training Institute in IT Standards and Technologies [🔗](#)

LANGUAGES

French — Native • **English** — Professional • **Kabye** — Native • **Mina** — Native

INTERESTS

Chess [🔗](#) • Swimming • Music