

Camus Ismael Kareem OGOUBIYI

Fullstack & AI Developer

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■ PROFILE

Fullstack developer and final-year AI student (BSc, IFRI/UAC). Builds and ships production web applications with React/Next.js, Node.js and FastAPI — REST API design, relational databases, SaaS and e-commerce. Complementary ML / Deep Learning background (computer vision with YOLO, dataset preparation) for integrating AI into production systems.

■ PROFESSIONAL EXPERIENCE

Web Developer & AI Integrator • internship Mar. 2026 – Present
Sèmè City Development Agency — Cotonou, Benin

- Develop web applications and integrate AI components into the agency's products and platforms.
- Build an e-learning platform for the training programs.

Web Developer • internship Jan. 2026 – Mar. 2026
Tamebi — Cotonou, Benin

Software Engineer • internship Jun. 2025 – Jan. 2026
Zero Investissement — Remote

- Designed and built web applications with React/Next.js and Node.js.
- Backend: REST APIs, PostgreSQL, Firebase, secure authentication.
- Code reviews, technical documentation and agile delivery.

Data Scientist • internship May 2025 – Aug. 2025
Ministry of National Defense — Cotonou, Benin

- Built a landmine detection model (YOLO) from sensor data.
- Collected, cleaned and structured sensor datasets to make them ready for model training.
- Evaluated model performance and iterated on data quality to improve detection results.

Web Integrator • internship Aug. – Sep. 2024
WAOUH MONDE — Abomey-Calavi, Benin

■ EDUCATION

BSc in Artificial Intelligence Sep. 2022 – 2026
Institut de Formation et de Recherche en Informatique (IFRI), UAC

Machine Learning, Deep Learning, NLP, Computer Vision, data structures, algorithms.

■ PROJECTS & ACHIEVEMENTS

Tekbot Robotics Challenge 2025 (Runner-up)

- Autonomous waste-collection robot: SLAM mapping on ROS 2 (Nav2), route optimization (Greedy Nearest Neighbor / TSP), QR code detection for collection points.

OpenFlip

- SaaS platform to create and read interactive digital flipbooks from PDFs. Fullstack architecture (FastAPI + PostgreSQL), hybrid rendering engine, cloud deployment.

MISHKI

- Multi-app Next.js e-commerce: B2C site (shop, blog, rituals, podcast) and B2B site (catalog, orders, invoices, protocols with discounts).

Kriola

- Next.js beauty/spa salon management app: authentication, appointments, personalized diagnostics, integrated payments (Stripe/PayPal).

■ SKILLS

Languages: TypeScript, JavaScript, Python, Java, C, HTML5/CSS3

Frontend: React, Next.js

Backend: Node.js, FastAPI, Laravel, REST APIs

Databases: PostgreSQL, MySQL, Firebase

AI / Machine Learning: PyTorch, Scikit-learn, OpenCV, Deep Learning, Computer Vision (YOLO), NLP

Data: Dataset preparation & cleaning, pandas, NumPy, Matplotlib, Jupyter Notebook, Streamlit, Power BI

Tools: Git, GitHub, ROS 2

Spoken languages: French (native), English (Intermediate)

■ INTERESTS

Hackathons | Reading | Sport