

Anthelme Affounou N'DRI

Consultant — Gender & Development Data · BI Developer · Economist · Researcher · Designer

Nationality: Ivorian | Based in: Côte d'Ivoire (available remote / on-site)

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1. EDUCATION

- 2019** Master of Science (MSc), Development Economics — Université Alassane Ouattara (UAO), Bouaké, Côte d'Ivoire. Specialisation: development macroeconomics, time series econometrics, DSGE/VAR modelling, international fiscal policy.
- 2017** Master of Arts (MA), Development Economics — Université Alassane Ouattara (UAO). International economics, public finance, sustainable development, quantitative methods (R, Stata, EViews).
- 2016** Bachelor of Science (BSc), Economics & Management — Université Alassane Ouattara (UAO). Microeconomics, macroeconomics, national accounting, statistics.

2. LANGUAGE SKILLS

French	Native
Baoulé	Native (mother tongue — local African language, Côte d'Ivoire)
English	Professional working proficiency
Dutch	Basic
Swahili	Basic
German	Basic

Meets all three language requirements of the assignment: English, French, and an African language.

3. MEMBERSHIP OF PROFESSIONAL BODIES / CERTIFICATIONS

- Monetary Policy & Forecasting — IMF (International Monetary Fund), 2021
- Debt Investment Growth + Natural Resource Model — IMF, 2020
- Macroeconomic Statistics — IMF, 2019
- Non-tariff Measures Analysis — UNCTAD, Geneva (G20 delegates course), 2022
- Public Private Partnership — UNESCAP, 2019
- Health and Climate Change — UNITAR, 2019
- Gender Matters — UNITAR, 2019
- Grant Writing / Leadership — YALI (Young African Leaders Initiative), 2019
- Workforce Collaboration & Development — YALI, 2019
- Transfer Pricing — Capabuild Foundation + University of Nairobi, 2022

Digital tools & software: Power BI, Power Automate, Power Apps, n8n, Django, Laravel, Vue/React, Flutter, Stata, EViews, R, Python, VS Code, AI-assisted ("vibe") coding, mobile data-collection platforms

4. PRESENT POSITION

Researcher, CARA Consulting Pty Ltd (part-time, remote) — since September 2024. Concurrently: Tax Consultant & Researcher, The Capabuild Foundation (part-time, remote) — since May 2022.

5. KEY QUALIFICATIONS RELEVANT TO THIS ASSIGNMENT

- Gender data analysis across Africa** — compiled, analysed and visualised gender-disaggregated datasets for **54 African countries** from World Bank, ILO, IPU, UN Women and OECD sources: Labour Force Participation, parliamentary representation, financial inclusion, SDG 5 indicators (5.5.1, 5.5.2, 8.3.1), formal/informal sector gender gap. Built and deployed publicly the **Africa Gender Data Suite**: Gender Hub ([gender_hub.html](#)), SDG 5 Indicator Tracker ([gender_sdg5_tracker.html](#)), Country Data Sheets — 20 countries ([gender_country_data.html](#)), full 17-SDG Africa Progress Dashboard ([sdg_global_tracker.html](#)), and SDG × Country Matrix — interactive heatmap of all 17 SDGs across 20 African countries with radar profiles and country rankings ([sdg_country_matrix.html](#)) — all live at [ndrresearchlab.ddns.net](#)
- Authored AWITN/ATAF ATEC 2026 competition essay** — "Structurally Blind: How the Absence of Gender-Disaggregated Tax Data Perpetuates Fiscal Inequality in Africa": quantitative analysis of gender data gaps in African fiscal systems, SDG monitoring alignment, and policy implications across Sub-Saharan Africa
- Institutional document design and publication-ready outputs** — designed branded letterheads, presentation deck templates, institutional report layouts and document identity systems for Capabuild Foundation's capacity-

- building programmes (government officials from 20+ African countries) and for freelance clients including NGOs, companies and public institutions
- Development economics background with direct exposure to international development cooperation research, including **hands-on programme evaluation experience**: member of the research team conducting the final evaluation of the Australian Government's largest economic governance programme in Indonesia (CARA Consulting, 2024–present)
 - Strong quantitative and analytical skill set: applied econometrics, data analysis, financial and economic reporting, monitoring & evaluation methodology
 - Fullstack IT / automation developer — able to design and deploy digital tools, dashboards and monitoring & evaluation (M&E) systems that support organisational and financial resilience (directly relevant to Work Package 2 capacity-development needs of this assignment: digital record-keeping, M&E frameworks, secure communication and data platforms). Additional skills: prompt engineering, IT security & AI governance
 - Demonstrated fast, self-taught acquisition of new technical domains (e.g. independently mastered Power Platform, n8n automation, LLM/RAG architectures without formal training) — relevant to a role requiring rapid onboarding to GIZ-specific administrative and compliance procedures
 - Native-level Baoulé (African language) plus native French and professional English — direct match to the assignment's language requirement for local-language capacity
 - Based in Côte d'Ivoire, one of the potential travel/implementation countries listed for this assignment (section 5.3.2 of the ToRs) — no relocation required, existing familiarity with the national context
 - Genuine subject-matter alignment with the programme's Afro-feminist mission: certified in Gender Matters and in Health and Climate Change (UNITAR, 2019)

6. SPECIFIC EXPERIENCE IN THE REGION

Country	Date from – Date to
Côte d'Ivoire	Ongoing (based here)
Netherlands (remote engagement)	May 2022 – present
Australia (remote engagement)	September 2024 – present
Kenya, USA, Norway, India	Prior freelance/remote engagements, 2017–2022

7. PROFESSIONAL EXPERIENCE

Reference 1

CARA Consulting Pty Ltd — Australia (remote)

Position: Researcher | *September 2024 – present, part-time, ongoing*

Tasks performed:

- Conducted research on economic governance across the Asian region: debt management, revenue mobilisation, international and regional trade, policies to facilitate trade and investment, and the drivers behind business location decisions — combining qualitative and quantitative analysis
- Member of a large research team delivering the final evaluation of the Australian Government's largest economic governance programme in Indonesia — direct monitoring & evaluation (M&E) experience on a donor-funded programme
- Supported workflow automation for research and reporting processes within the team

Work outcomes:

- Contribution to a formal donor-commissioned final programme evaluation (Australian Government economic governance programme, Indonesia)

Reference 2

The Capabuild Foundation — Netherlands (remote)

Position: Tax Consultant & Researcher | *May 2022 – present, part-time, ongoing (approx. 3 years to date)*

Tasks performed:

- Conceptualised, designed and built the Tax Aggregator Portal (taxaggregatorportal.org), a global tax database covering domestic, international, digital and environmental taxation and tax administration, presented by Capabuild and the Centre for Fiscal Studies (University of Nairobi)
- Designed the TAP Fiscal Assistant, an AI-based tool answering fiscal questions for portal users
- Coordinated seminars and supported training delivery for government officials and revenue administrations on contemporary tax issues (BEPS, transfer pricing) — logistics, course content and facilitation
- Developed custom digital tools, applications and **automated workflows** to reduce manual administrative workload and improve task management for the foundation's team

- **Designed and produced institutional document materials** for Capabuild's programmes: branded letterheads, presentation deck templates, institutional report layouts and document identity systems for capacity-building workshops delivered to government officials from 20+ African countries — combining professional document design with clear, accessible communication
- Contributed to communication materials — infographics, explanatory pictograms, videos — and to the "Global Tax Voices for the Global South, by the Global South" podcast series
- Produced communication materials and analysed tax-related data to support reporting to stakeholders

Work outcomes:

- Tax Aggregator Portal — operational multi-domain tax database, live since 2022
- TAP Fiscal Assistant — deployed AI tool integrated into the portal
- "Global Tax Voices for the Global South, by the Global South" podcast series, plus a library of infographics, pictograms and videos supporting Capabuild's outreach

Reference 3

Client missions (hybrid — part-time remote, part-time on-site) — NEEmba International Group (by Caterpillar) · Blitska · Saprolait · SYNOPSIS · DopfarmLab · Softlogis

Position: IT Developer — Information Systems & Mobile Applications | 2021 – present, ongoing

Tasks performed / work outcomes:

- **eTrack / Softlogis** (NEEmba International Group, by Caterpillar) — Logistics platform for a multi-subsidary group with regional stockists (ZTZ, AERTSSEN, JALO): manages inter-subsidary transactions and sales across the full supply chain, from procurement through to final client delivery, invoicing and payment. Interoperable with Irium (third-party accounting ERP) via custom-built connection APIs, and with other WMS systems, for complete tracking and monitoring. Built-in activity-monitoring metrics (lead times, delay alerts) gave leadership advance visibility on bottlenecks, saving significant processing time. 3 BI dashboards giving leadership real-time visibility into sales, purchasing and shipments, with an integrated chatbot
- **Blitska** — WMS & logistics system for a multi-subsidary generator-fleet network: end-to-end traceability from procurement through stock entry to final destination, real-time alerts and reporting on an integrated BI dashboard, connected invoicing and accounting, live sync with the Irium accounting ERP
- **TRANSPOLICK TMS** — End-to-end road transport management system built for African realities (road checkpoints, customs controls, mobile money, low-connectivity areas): single backend driving 3 real-time synchronised applications (management, client, driver) plus a dedicated mobile app
- **SYNOPSIS** — SaaS platform for general resources management: 10 modules (fleet, stock, badging, visitors, budget) accessible on web and mobile, centralising support-function oversight
- **DopfarmLab** — Operations management system for pharmacies and laboratories in West Africa: unified stock, sales and invoicing, offline mobile app for multi-site teams
- **NovaDist / Saprolait** — Flutter mobile suite of 4 role-based apps forming a closed-loop distribution cycle: field distributors register shops, stock and needs on their rounds and generate proforma invoices/orders; warehouse staff prepare and ready the orders; a controller validates the final checkpoint before reloading; a supervisor oversees the whole cycle (map and warehouse views) with the ability to reassign and reallocate in real time. Real-time GPS and voice guidance, offline-capable

Reference 4

Sene Sugu Folo (SSF) — Mali, delivered remotely in collaboration with an Abidjan-based team

Position: Technical Supervisor / Solution Lead | 2025 – early 2026

Tasks performed / work outcomes:

- Supervised and directed the design and delivery of a commercial data-collection and analysis platform for SSF, part of the Village Input Fair Fund (VIFF) network improving agricultural input market access in Mali; integrated client SMS notifications and Mobile Money payment (Orange, Wave)
- Delivered through to client sign-off (attestation d'exécution / completion certificate)

Reference 5

LAMPE — Laboratory of Macroeconomics and Economic Policy, Université Alassane Ouattara — Côte d'Ivoire

Position: Associate Researcher | 2018 – 2022 (approx. 4 years)

Tasks performed:

- Contributed to research projects on poverty and development issues across the ECOWAS region — literature review, use of international databases (World Development Indicators)
- Applied econometric methodology: model building, robustness testing, data processing (Stata, EViews)

Work outcomes:

- Author of working paper "Informal Economy in Sub-Saharan Africa: Main Drivers and Estimation of its Size from Ivory Coast" — HAL Open Archive, 2021

Reference 6

Independent — Automation Consultant, Power Platform & n8n

Position: Automation Consultant | 2025 – present, ongoing

Tasks performed / work outcomes:

- Supported the shift from Excel to Power Apps / Power BI: designed a complete, reliable management tool to replace scattered spreadsheets with a single entry point and clear dashboards
- Automated email-to-Excel workflows with Power Automate and set up intelligent mailbox triage, freeing up significant time on repetitive tasks
- Supported team members and other colleagues on Power BI / Tableau / Power Apps whenever assistance was needed, including a custom operational dashboard to run fleet and field missions
- Orchestrated production n8n workflows for TradingCI, a full algorithmic trading platform running multiple bots autonomously
- Built an automated monitoring tool that continuously tracks international tenders (UNGM, ATAF, GIZ, FinancialAfrik) and sends email alerts the moment a relevant opportunity appears
- Designed privacy-conscious AI architectures compliant with Ivorian data protection law and national security standards (RGSSI/ANSSI): systematic anonymisation before any external model call

Relevance to this assignment:

- Directly applicable to Work Package 2 capacity-development needs: digital record-keeping, M&E frameworks, secure communication and data-management platforms, IT security & AI governance for grassroots organisations

Reference 7

Independent — Research & Data Science Portfolio Using Open Secondary Data Sources

Position: Independent Researcher & Data Scientist | 2019 – present, ongoing

Self-directed research and applications built on public secondary data sources — World Bank WDI, IMF DataMapper, UN Comtrade, EITI, among others:

- **Africa Gender Data Analysis & SDG Monitoring Portal (2025–2026)** — Compiled, analysed and visualised gender-disaggregated data for all 54 African countries. Built and deployed the **Africa Gender Data Suite**: (i) Gender Hub (central portal, ndriresearchlab.ddns.net/gender_hub.html); (ii) SDG 5 Indicator Tracker with 4 visualisations and data-availability matrix (gender_sdg5_tracker.html); (iii) SDG 5 Country Data Sheets — 20 African countries, GEI composite index, bilingual (gender_country_data.html); (iv) Global 17-SDG Africa Progress Dashboard — all 17 goals with progress scores, status (on-track / at-risk / off-track) and interactive filters (sdg_global_tracker.html); (v) SDG × Country Matrix — interactive heatmap of all 17 SDGs across 20 African countries with radar chart profiles, country rankings and animated scoring bars (sdg_country_matrix.html). Indicators: LFP by gender, parliamentary representation (IPU 2024), financial inclusion (WB Findex 2021), SDG 5.5.1/5.5.2/8.3.1, unpaid care (OECD), land rights (FAO), formal/informal sector gender gap
- 9 interactive dashboards (7 BI/data technologies) and an interactive country profile / self-service dashboard-builder, exploring extractive-sector data across Africa, Asia-Pacific and Latin America
- Applied econometric toolbox — OLS, Granger causality, ADF stationarity, VAR/ARDL, CUSUM structural-break detection, Monte Carlo simulation (3-scenario, 95% CI) — for extractive-revenue forecasting
- Mirror-trade analysis of critical/rare minerals (cobalt, coltan, bauxite, chrome, lithium, graphite, uranium) across 14 African countries, 2010–2023, using the UN Comtrade API to identify Africa–China trade-value reporting gaps
- PowerPoint decks, motion infographics and animated explainer videos communicating research findings to non-technical audiences
- Proposal and development of numerous monitoring/tracking tools, including FiscalMine AI (LLM + RAG assistant on African extractive transfer pricing) and a Transfer Pricing Risk Index calculator
- Preparation of scientific research articles on critical/rare minerals and crypto assets, among other extractive-sector topics

8. PUBLICATIONS AND RESEARCH REFERENCES

1. **"Structurally Blind: How the Absence of Gender-Disaggregated Tax Data Perpetuates Fiscal Inequality in Africa"** — AWITN / ATAF African Tax Essay Competition (ATEC) 2026; quantitative analysis of gender data gaps in African fiscal systems and SDG 5 alignment — June 2026
2. **Africa Gender Data Suite & SDG Monitoring Portal** — Publicly deployed interactive research portfolio covering 54 African countries; 9 live tools including: Gender Observatory, scrollytelling data story "The Invisible Half", SDG 5 Indicator Tracker (sub-indicators 5.5.1 / 5.5.2 / 5.4.1 / 5.a.1 / 5.c.1), Country Data Sheets for 20 countries with GEI composite index, Global 17-SDG Africa Progress Dashboard, and SDG × Country Matrix (heatmap 17 SDGs × 20 countries, radar profiles, country rankings); data sources: World Bank, ILO, IPU, UN Women, OECD, FAO, GSMA — 2025–2026. Central portal: ndriresearchlab.ddns.net/gender_hub.html | SDG tracker: [/sdg_global_tracker.html](https://sdg_global_tracker.html) | Country matrix: [/sdg_country_matrix.html](https://sdg_country_matrix.html)

3. "Informal Economy in Sub-Saharan Africa: Main Drivers and Estimation of its Size from Ivory Coast" — Working paper, HAL Open Archive, LAMPE / Université Alassane Ouattara, 2021

9. OTHER RELEVANT INFORMATION

Proven ability to onboard quickly onto unfamiliar procedures, tools and regulatory frameworks without formal training — demonstrated by independently mastering Power Platform, n8n automation and LLM/RAG architectures, and applied consistently across research, IT and administrative contexts. This self-taught, interdisciplinary working method translates directly into efficient, low-supervision uptake of GIZ-specific administrative and compliance procedures. Comfortable working remotely across time zones and cultures, with prior remote engagements for organisations based in the Netherlands, Australia, the United States, India and Norway.

I certify that this CV correctly describes my qualifications and experience. — Anthelme Affounou N'DRI