

Georgeo S. R. AGBAHUNGBA

Agro-economist & Full Stack Web/Mobile Developer — dual field & digital expertise

📍 Cotonou, Benin | Born 31/08/1993

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🌐 Portfolio: georgeo-agbahungba.xyz | takacode.app | takacode.store | 🌱 GitHub: github.com/TripleCrownDiamond

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PROFILE

Hybrid profile combining **10 years of field experience in agro-economics** (data collection and analysis, value chain studies, monitoring & evaluation, HSE safeguards) with **5 years in web/mobile development** (full stack, Web3, AI, data visualisation). Agro-economist (**Master 1 in Agro-economics**, Professional Bachelor's degree FSA/UAC with honours), I have carried out missions for national and international projects (PACOFIDE, PADAAM, DEFIA/Enabel, PAIA-VO, PFC-B, PAPC, CILSS/USAID, PASE) and built digital solutions for NGOs, companies and agencies (ANOPER, IDID, AIG-Benin/Le Rural, Castro Négocé Inter). Digital entrepreneur (**Solutions Luciole**, 2020), I bridge field data and digital tools: Kobocollect data collection, data visualisation, AI-assisted agricultural data collection applications, workflow automation (n8n), AI agent development, web platforms and Agritech products.

KEY SKILLS

Agro-economics & data

- - Data collection and analysis (Kobocollect, ODK, xlsForm, Excel), data visualisation
- - Socio-economic and value chain studies (cashew, honey, pineapple, rice, soybean, maize, market gardening)
- - Environmental and socio-economic impact assessments, field monitoring & evaluation
- - Value chain animation and structuring, farmer and beneficiary training
- - Social & environmental safeguards / HSE, reporting, GIS/QGIS (basics)

Web & mobile development

- - Front-end: React, Next.js, Vue.js, Angular, TypeScript, Tailwind CSS
- - Back-end: Node.js, Express, PHP, Laravel, Livewire, Supabase, REST APIs
- - Databases: PostgreSQL, MySQL, MongoDB, Firebase, SQLite
- - Mobile: Flutter, FlutterFlow, React Native, SwiftUI
- - CMS: WordPress, WooCommerce, Elementor, Shopify, Webflow
- - Blockchain/Web3: Solidity, ThirdWeb, Hardhat, Web3.js | AI: LLM APIs, AI agent development, n8n, MCP, Pandas
- - Deployment: AWS, DigitalOcean, Vercel, Hostinger, cPanel | Tools: Git/GitHub, Figma, Three.js

PROFESSIONAL EXPERIENCE — AGRO-ECONOMICS, DATA COLLECTION & SOCIAL SAFEGUARDS

Data Collection Agent / Auditor — APECDI (PACOFIDE)

May – June 2026 | Benin

- Audit of the establishment of newly installed cashew plantations, under PACOFIDE, with the APECDI firm

Data Collection Agent / Auditor — APECDI (PACOFIDE)

March 2026 | Savè and Bantè Municipalities

- Audit of rehabilitated cashew plantations, under PACOFIDE, with the APECDI firm

HSE Facilitator — APECDI (Cotonou Stormwater Sanitation Programme – PAPC)

January 2024 – September 2025 | Cotonou, Benin (basins AAc and QaQc)

- Raised awareness among staff and local communities on social and environmental safeguards
- Monitored and implemented HSE measures within the project
- Produced regular reports on the implementation of social and environmental actions

Data Collection Agent — APECDI (PACOFIDE)

September – October 2024 | Savè Municipality

- Verification of the rehabilitation works of old cashew plantations by the brigades

Data Collection Agent — APECDI (PACOFIDE)

October – November 2024 | Nikki Municipality

- Verification of the establishment of new cashew plantations by nursery growers

Field Surveyor — ZOOFOR Consult (CILSS area / USAID)

August – September 2024 | Benin (30 working days)

- Inventory of strategic market infrastructure in cross-border areas and of access to digital services in the CILSS space

Data Collection Agent — APECDI (PFC-B, honey value chain)

April – May 2024 | Savalou, Bantè, Savè, Kétou

- Analysis of promising value chains and the honey market around the Dogo, Ouémé Boukou and Agoua classified forests (COTEF – APECDI – APIVALOR consortium)

Technical Assistant — APECDI / Enabel-Benin consortium (DEFIA)

September 2023 – August 2024 | Benin

- Supported farmers in implementing environmental protection measures in pineapple and rice production (APECDI / LYCAON / AIV / AMN consortium)

Data Collection Agent — APECDI (PACOFIDE)

October 2023 | Zakpota Municipality

- Collection of the brigades' claims regarding the 2022 cashew plantation rehabilitation works

Data Collection Agent — APECDI (PACOFIDE)

August – September 2023 | Savè Municipality

- Verification of the rehabilitation works of old cashew plantations by the brigades

Data Collection Agent — APECDI / ENABEL (DEFIA)

October 2022 – June 2023 | Kpomassè, Ouidah, Tori, Toffo

- - Supported farmers in implementing environmental protection measures in pineapple and rice production

Data Collection Agent — APECDI (UIGP/PASE, beekeeping)

May – June 2021 | Benin

- - Study on beekeeping value chains and the development strategy for promising beekeeping value chains (APECDI – APIVALOR – COTEF consortium)

Data Collection Agent — APECDI (Classified Forest Project)

January – March 2021 | Benin

- - Assessment of land occupation in Benin's classified forests (Dan, Ouémé Boukou and Alibori Supérieur)
- - Proposal of resettlement modalities for farmers in agricultural areas

Data Collection Agent — APECDI (ACDD / PADAAM)

March – April 2020 | Benin

- - Study to refine the geographic targeting of PADAAM in relation to beneficiary targets

Zone Facilitator — REV-Développement NGO (PAIA-VO)

August 2019 – August 2020 | Ouinhi, Ouémé Valley

- - Animated and structured the stakeholders of the rice, market gardening and maize value chains (PAIA-VO)

Assistant — APECDI SARL

2016 – 2020 | Cotonou, Benin

- - Data collection and analysis, digitised questionnaires with Kobocollect
- - Reporting and training of PAIA-VO and DEFIA project beneficiaries

Data Collection Agent — REV-Développement NGO (PAPDFGC)

March – May 2016 | Benin

- - Management and simple development plans for gallery forests, buffer zones and connectivity corridors

Data Collection Agent — REV-Développement NGO

June 2015 | Borgou and Alibori

- - Environmental impact study of the electrification project covering 253 rural localities

Data Collection Agent — REV-Développement NGO (PGFT)

March 2015 | Benin

- - Assessment of the socio-economic impacts of micro-projects of alternative income-generating activities (Forest and Riparian Lands Management Programme)

PROFESSIONAL EXPERIENCE — WEB, MOBILE & DIGITAL DEVELOPMENT

Founder & Project Manager — Solutions Luciole (TakaCode · Musimaps)

August 2020 – Present | Benin

- - Design and development of digital solutions, web platforms and e-commerce solutions
- - Project manager for the TakaCode (takacode.app) and Musimaps (musimaps.app) products: design, development, launch and continuous improvement
- - Sale of digital products on takacode.store
- - Digitalisation of business processes, specifications, technical and functional proposals
- - Development of AI projects (agents, automation, AI-assisted data collection)

Freelance Web Developer — certified deliveries

2020 – 2025 | Benin

- - ANOPER (2025): member card generation platform (anoper.bj) — back-end, front-end, admin, export, training
- - IDID NGO (2025): educational resource platform for the soybean value chain + ididong.org revamp
- - Castro Négocé Inter (2025): centurion.castronegoceinter.com website + Dolibarr configuration (Cotonou and Lomé shops)
- - CNI Digital (2020): social media marketing, advertising posters, printing

Web Developer & Programme Manager — Le Rural Press Group / AIG-Benin

2020 – 2021 | Cotonou, Benin

- - Designed and maintained lerural.bj (2020); eima.bj website (2023)
- - Took part in the Agrinnov 2020 Hackathon (ACMA2 project)
- - Drafted projects and specifications, built applications for partners

Freelance Web Developer — Digital Process

2019 – 2022 | Cotonou, Benin

- - Custom websites and web applications (WordPress, React, Vue.js)
- - WordPress themes and plugins, e-commerce with online payment, SEO, security
- - Mobile-optimised conversions, ongoing maintenance

Assistant — APECDI SARL (digitalised data)

2016 – 2020 | Cotonou, Benin

- - Digitised data collection (Kobocollect, xlsForm), reporting, PAIA-VO & DEFIA trainings

PROJECTS DELIVERED (SELECTION WITH LINKS)

- - <https://anoper.bj/card-create-system/> — member card generator (PHP)
- - <https://lerural.bj/> | <https://eima.bj/> — WordPress websites (agricultural press group, training school)
- - <https://platformparcsojaidd-dqhk.vercel.app/> — educational platform for the soybean value chain
- - <https://centurion.castronegoceinter.com/> + Dolibarr — website and shop management
- - <https://lottery-nextjs-dapp-triplecrowndiamond.vercel.app/> — Web3 lottery dApp (Next.js + ThirdWeb)
- - <https://project-threejs-ai-customizer-app.onrender.com/> — 3D AI t-shirt customizer (Three.js)
- - <https://georgeo-agbahungba.xyz/> — portfolio (React + Sanity)
- - <https://tasteofcurry.be/> — online food ordering (WooCommerce)
- - <https://groupe-alure.com/label/> | <https://azbamisfirst.group/> | <https://wehelpyou.agency/> | <https://healthtech-innovations.be/> | <https://www.mounagroup.com/> | <https://digitalprocess.agency/>
- - <https://takacode.app/> — AI-assisted digital project creation platform
- - <https://takacode.store/> — digital products store (templates, applications, resources)
- - <https://musimaps.app/> — map-based music exploration (web + mobile)
- - <https://ireayode.bj/> — Kobocollect data visualisation for cashew cooperatives (Collines, Benin)
- - AI-assisted agricultural data collection project (offline, GPS, dashboards, quality control) | Content Factory (AI content automation)
- - datapalace.com | [lokalibj](https://lokalibj.com) | GitHub: <https://github.com/TripleCrownDiamond>

EDUCATION

- - **2026** — Master 1 in Agro-economics, FSA — University of Abomey-Calavi (UAC)
- - **2015** — Professional Bachelor's degree in Agricultural Sciences, Faculty of Agronomic Sciences (FSA) — University of Abomey-Calavi (UAC). Specialisation: Rural Economics and Farm Management | Graduated with honours (Très Bien)
- - **2010** — Baccalaureate (science track) — with honours | **2007** — BEPC | **2003** — CEP

CERTIFICATIONS AND ADDITIONAL TRAINING

- - 2023 — Software Engineering Programme, ALX Africa
- - 2023 — freeCodeCamp: Back End Development and APIs; Front End Development Libraries
- - 2024 — Webflow: Webflow 101 and CMS certifications
- - 2025 — FAO e-learning: Open Foris Ground
- - 2026 — AMD: "AI on AMD" certificate
- - 2026 — AMD Developer Hackathon Act II (LabLab.ai): team project around AI and agents
- - 2022 — Self-training: React, Angular, Node.js, Express, MongoDB
- - 2021 — Self-training: Laravel and Livewire
- - 2020 — OpenClassrooms: MVC in PHP; jQuery; JavaScript
- - 2019 — OpenClassrooms: PHP & MySQL; HTML5 & CSS3
- - 2016 — UAC/FSA/GBIF: biodiversity data mobilisation
- - 2016 — RED Benin: free enterprise training
- - GIZ / ProSOL: agricultural entrepreneurship training

LANGUAGES

- - French: Excellent (working language)
- - English: Good professional level

ADDITIONAL INFORMATION

- - Digital entrepreneur (Solutions Luciole, registered in Benin in August 2020)
- - Agritech focus: digitalisation of agriculture, agricultural information systems, applications for field agents, agricultural market intelligence, decision support
- - Skills under development: GIS/QGIS, remote sensing, satellite data, precision agriculture, agricultural IoT

OTHER CVS

Find my other CVs on my portfolio georgio-agbahungba.xyz:

- - Agro-economist CV (FR)
- - Agro-economist CV (EN)
- - Developer CV (FR)
- - Developer CV (EN)