

IMMANUEL JUSTICE MAC-ARTHUR

Software Engineer | Full-Stack Developer | Fintech Solutions

Accra, Ghana • macarthur83@yahoo.com • 025 730 7230

LinkedIn: Immanuel Justice Mac-Arthur • GitHub: github.com/Mac-Arthur

PROFESSIONAL SUMMARY

Full-stack software engineer specializing in secure, high-availability fintech platforms, with hands-on experience delivering cross-border payment integrations and agent-banking systems for banks and microfinance institutions across Africa. Strong in C#.NET and modern JavaScript frameworks, with a proven ability to take financial products from development through production deployment.

TECHNICAL SKILLS

Programming Languages: C#, JavaScript, TypeScript, Python

Frameworks & Web: .NET 8, ASP.NET Core, ASP.NET MVC, Blazor, Angular, Bootstrap, Tailwind CSS, DaisyUI, REST APIs, HTML5, CSS3

Databases: PostgreSQL, SQL Server, Entity Framework Core

DevOps & Infrastructure: Docker, NGINX, Linux, Git

Cloud & Networking: AWS, Cloud Technologies, Networking Fundamentals

PROFESSIONAL EXPERIENCE

Software Developer

2025 – Present

Oakwood Advansio (Subsidiary of Oakwood Green Africa) — Accra, Ghana

- Retained full-time following a highly successful National Service deployment, recognized for measurable technical contributions.
- Lead frontend development and systems integration across the software development lifecycle for high-security, cross-border fintech platforms.
- Own technical delivery end to end — from UI integration and configuration through testing, production migration, and post-deployment support.
- Collaborate with regional banks, microfinance institutions, and internal stakeholders to deliver and deploy payment and agent-banking solutions.

Junior Software Developer

2024 – 2025

Oakwood Advansio — Accra, Ghana

- Developed and maintained web applications and software solutions as part of the engineering team.
- Supported the development, deployment, and troubleshooting of client-facing fintech applications and internal tools.

Web Development Intern

2023

University of Ghana — Legon, Accra, Ghana

- Supported web development projects under faculty supervision, contributing to interface design and implementation.

Networking Intern

2022

Telecel Ghana (Head Office) — Takoradi, Ghana

- Assisted with networking operations and infrastructure support at the head office.

KEY PROJECTS

PAPSS Cross-Border Payment Integration | Oakwood Advansio

- Delivered end-to-end deployment and UI integration of the Pan-African Payment and Settlement System (PAPSS) for regional financial institutions, including Credit Bank (Kenya), CBZ Bank (Zimbabwe), and Premium Trust Bank (Nigeria).
- Executed outward penny testing and managed seamless production migrations for core cross-border banking integration services.

Salam Kalpeh — Agent Banking Platform | Salam Financial Services, The Gambia

- Built the Super-Agent Portal (ASP.NET MVC) with secure agent onboarding, real-time transaction status tracking, and validation for cash-in / cash-out and settlement workflows.
- Developed the Administrative Portal for centralized operations — reporting, monitoring, and agent / user management — integrated with backend services and the database layer.
- Enabled streamlined agent-network management for a Central Bank–licensed microfinance institution focused on financial inclusion.

Center for Inclusive Finance Ghana (CIF Ghana) Website — cifghana.org

- Designed, developed, and launched the official digital presence and web platform for CIF Ghana.
- Delivered a highly responsive UI with a custom content management architecture to ensure seamless, long-term maintainability.

Additional Enterprise & Internal Projects

- **Company & Product Management System (.NET 8 Blazor, EF Core, SQL Server):** CRUD platform with role-based access control and audit trails to meet enterprise data-integrity standards.
- **Transaction Portal & Corporate Website (Angular, REST APIs, Bootstrap):** Modern transaction portal with reactive forms and modular architecture, plus a responsive corporate website.

ACHIEVEMENTS

- Promoted from National Service to full-time Software Developer based on measurable technical impact.
- Contributed to fintech deployments spanning multiple African markets — Kenya, Zimbabwe, Nigeria, The Gambia, and Ghana.
- Delivered multiple production platforms — cross-border payment integrations, agent-banking portals, and enterprise web applications — from build through deployment.

EDUCATION

Bachelor of Science in Computer Engineering

Graduated 2024

University of Ghana — Legon, Accra, Ghana

Relevant Coursework: Data Structures & Algorithms, Software Engineering, Computer Networks, Operating Systems, Artificial Intelligence, Database Systems.

REFERENCES

Available upon request.