

Asare Benedict Nana

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EDUCATION

Kwame Nkrumah University of Science and Technology 
BSc. Computer Science

Jan 2023 – Sep 2026
Kumasi, Ghana

PROFESSIONAL EXPERIENCE

OrangeTech 

Aug 2025 – Present
Accra, Ghana

Freelance Full-Stack Go Developer

- Developed full-stack fintech expense automation platform using Go, PostgreSQL, Templ, and TailwindCSS, processing multi-currency payments for Fidelity Bank Ghana.
- Built payment processing infrastructure integrating Flexcube core banking system via SOAP APIs, automating transaction posting and reducing manual payment processing time by 70%.
- Engineered Temporal.io approval workflow engine with multi stage role-based routing, comprehensive audit trails, and automated executive approval escalation for 100+ daily payment requests.

Alle-AI 

Jan 2025 – Sep 2026
Accra, Ghana

Lead Mobile Engineer

- Built Flutter multi-model AI platform aggregating 15+ models with Clean Architecture, enabling concurrent queries, side-by-side comparisons, and multimodal outputs.
- Established CI/CD pipeline for Play Store deployment with automated versioning, reducing release cycles by 60% across 10,000+ active users.
- Implemented unit tests for Riverpod providers and repository layers using Dio mocking, plus widget tests for critical flows and static analysis.

Get Superstars Inc. 

May 2024 – Sep 2025
New York, USA

Lead Mobile Engineer

- Rebuilding the Superstars app using Flutter and modular architecture, achieving a 50% reduction in API response parsing time and improving load times by 2 seconds.
- Implemented BLoC with RxDart, leading to an estimated 20% improvement in app responsiveness and a 35% reduction in UI rendering time.
- Optimized list view performance with lazy loading, cutting memory usage by 40% and enhancing scroll performance by 60% for large datasets.

Zomujo LLC 

Jul 2024 – Mar 2025
Accra, Ghana

Freelance Mobile Engineer

- Developed three interconnected mental health apps (Zyptyk, ZomCo, ZypTher) using Flutter, maintaining distinct features for users, counselors, and therapists.
- Engineered real-time chat using Firebase Cloud Messaging, ensuring secure, encrypted communication between clients and therapists with fail-safe mechanisms.
- Built wellness tools including meditation guides, mood tracking with data visualization, and smart journaling, increasing user retention by 40% compared to competitors.

Beistand Tech 

Aug 2023 – Feb 2024
Kumasi, Ghana

Freelance Mobile Engineer

- Implemented responsive UI and user flows for STÜDEX'S personalized feed in Flutter, enhancing the shopping experience and increasing engagement by 27%.
- Developed an offline-first architecture with Hive in Flutter, enabling seamless shopping cart synchronization and reducing cart abandonment by 35%.
- Built the Flutter frontend for STÜDEX'S peer-to-peer marketplace, integrating student verification and optimizing product listings, leading to 5,000+ new student merchants.

SKILLS

Languages

Go, Dart, JavaScript,
TypeScript, Python

Mobile & Frontend

Flutter, React, BLoC,
Riverpod, Responsive
UI, Offline-first
Architecture

Cloud & DevOps

AWS, Docker, GitHub
Actions, GitLab CI,
Firebase

Backend & Systems

Go Services, Node.js,
REST & gRPC APIs,
Redis, Payment
systems, Workflow
engines

CERTIFICATIONS

AWS Certified Cloud Practitioner:  Amazon Web Services (AWS) | Issued July 30, 2025