

Asamoah-Addo N.K Ebenezer

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PROFILE

Software developer based in Accra pursuing a BSc in Information Technology at the University of Ghana. 1st place winner at Hack54's Financial Hackathon, building AI-powered fintech infrastructure. Experienced building full-stack web applications with React, Next.js, and Supabase, including a complete e-commerce platform with an admin dashboard. Also experienced teaching programming fundamentals to young learners.

EXPERIENCE

1st Place — Team MobiFin

August 17–19, 2026

Hack54 Financial Hackathon

Google AI Community Center, Accra

- Won 1st place building an AI-powered liquidity management infrastructure for mobile money (MoMo) agents
- Trained a custom machine learning model to power liquidity management and alternative credit scoring
- Integrated MTN's API for USSD-based verification, pulling unbanked customers' financial data directly from the mobile money network
- Architected the integration to scale across additional telecom networks (Vodafone, AirtelTigo) beyond the 48-hour build
- Designed the system to give MoMo agents a sustainable secondary income stream

Coding Instructor

2025

Ghana Code Club

Accra

- Taught programming fundamentals to kids, adapting curriculum by age group, from block-based coding (Scratch) for younger learners to Python/JavaScript basics for older students
- Simplified technical concepts into accessible lessons, building students' problem-solving and computational thinking skills

PROJECTS

Perfume E-Commerce Platform | *React, Next.js, Supabase*

2026

- Built a full-stack e-commerce platform including product listings, cart, and checkout flow
- Developed an admin dashboard for order management, inventory tracking, and sales analytics
- Implemented authentication and database management using Supabase

Wig Brand E-Commerce Site | *React, Next.js*

2026 – In Progress

- Currently developing the front-end for an e-commerce platform for a wig brand
- Building responsive product pages and layout using React and Next.js

SKILLS

Languages: JavaScript, Python

Frameworks/Libraries: React, Next.js, Tailwind CSS

Backend/Database: Supabase

AI/ML: Custom ML model training and integration

APIs: Telecom/USSD verification integration (MTN MoMo)

Tools: Git, GitHub

EDUCATION

University of Ghana

Expected 2029

Bachelor of Science in Information Technology

Legon, Accra