Antwi Paa-Kwesi Romeo

Software Developer · IT Technician · Computer Science Graduate

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PROFILE

Computer Science graduate and hands-on IT technician who builds web and mobile applications end to end, from the database and API to the interface. Currently doing National Service with the Ghana Armed Forces, providing technical support and building internal systems for administrative work. Founder of Phaemos, a small technology initiative. Growing into data science and networking, with published open-source projects in both.

TECHNICAL SKILLS

Languages	Python, TypeScript, JavaScript, Java, SQL, HTML/CSS
Web & Mobile	React, React Native, Tailwind CSS, Django, FastAPI, Flask, Flutter
Data	PostgreSQL, MySQL, SQLite, Supabase, Directus; pandas, statsmodels, scikit-learn, Jupyter
Tools	Git & GitHub, Docker, Linux (Ubuntu), Windows, Vercel, VS Code, XAMPP
IT & Networking	Hardware and device troubleshooting, TCP/IP, network troubleshooting, user support, Microsoft Office

EXPERIENCE

IT Technician (National Service)
Jan 2026 – Oct 2026

Ghana Armed Forces · Defence Financial Comptroller (DFC), Accra

- Provide day-to-day technical support, diagnosing and fixing hardware and software problems for DFC staff.
- Built an internal portal for uploading and managing personnel details.
- Developing a Django-based digital dispatch system that records incoming documents and routes them to the right unit, with access controls, to replace physical dispatch books.
- Repair faulty devices and keep IT equipment working; support orderly-room booking and dispatch.

Founder
2024 – Present

Phaemos

- Started a technology initiative that brings people from different IT fields together to deliver web, mobile and software solutions.
- Coordinate ideas and technical skills across software, web, mobile, AI and networking for client needs.

IT Intern (four placements)
2022 – 2025

Saint Joseph Hospital, Nkwanta South, Oti Region

- Troubleshot computers, printers and software; installed and configured applications for staff.
- Supported basic networking and connectivity issues, and did routine hardware maintenance.
- Helped with data entry, database tasks and documentation in a working healthcare environment.

Mobile Banking / Customer Service Assistant
Jun 2022 – Sep 2022

Success Credit Union

- Registered and onboarded customers, processed cash deposits and mobile-banking transactions accurately and confidentially.

Teacher
Jan 2022 – Jun 2022

Christ International Preparatory Academy

- Taught English, ICT, Science and Mathematics to lower-primary pupils, adapting lessons to each learner.

SELECTED PROJECTS

West Africa's Digital Divide

Python · pandas · statsmodels · scikit-learn

Analysis of 25 years of World Bank data on internet adoption in 15 ECOWAS countries. Regression with clustered standard errors; leave-one-country-out R^2 of 0.80. Found Ghana sits 18 points above what its fundamentals predict.

github.com/Romeoantwi/west-africa-digital-divide

RÚNAR

React Native · Nostr · X25519 + XSalsa20-Poly1305

Mobile app disguised as a working calculator that hides an anonymous, end-to-end encrypted, serverless messenger.

IT Service Helpdesk

Python · Django · SQLite

Ticketing system for IT support teams with user accounts, tickets, a dashboard and chat.

netprobe

Python · asyncio · TCP/IP · pytest

Asynchronous TCP port scanner with service detection, banner grabbing, CIDR/range targets, host discovery and JSON/CSV output. No dependencies; tested with a pytest suite.

github.com/Romeoantwi/netprobe

NovelCraft

Python · Flask · NLTK

API that detects AI-generated text using linguistic and readability analysis; exploring browser and Microsoft Office integration.

Wawa Seed Africa Foundation

TypeScript · React · Vercel

Responsive website for a Ghanaian NGO supporting children, women and families. Live in production.

wawa-seed-stories.vercel.app

EDUCATION

HND, Computer Science 2022 – 2025
Ho Technical University

Electrical Engineering Technology 2018 – 2021
HAVE Technical Institute

ACTIVITIES & INTERESTS

Participant, COMPSSA Computer Science Students' Association Code Fest

Interests: software and web development, data science and AI, mobile apps, IT support and systems administration, networking

References: available on request