

DACOSTA AGYEI

Senior Full-Stack Engineer | Python, FastAPI, React and Flutter

Accra, Ghana

PROFESSIONAL SUMMARY

Senior full-stack engineer with experience delivering web and mobile products across frontend, backend, data, and deployment workflows. Builds with Python, FastAPI, React, Flutter, PostgreSQL, and Docker, and contributes hands-on from architecture through release support.

TECHNICAL COMPETENCIES

Backend and APIs: Python, FastAPI, REST APIs, PostgreSQL, MySQL

Frontend and mobile: React, React Native, Flutter, JavaScript, HTML5, CSS3

Engineering: Docker, Git, system design, testing, API integration

Applied technologies: computer vision, PyTorch, OpenAI vision, Firebase, Web3

PROFESSIONAL EXPERIENCE

Head of Unit, Secure Programming and Software | Public Sector Organisation — Confidential

Accra, Ghana | June 2025 - Present

Applications Developer (Contract) | DigiJob

Lome, Togo | Remote | August 2023 - August 2025

- Delivered ReactJS development and ongoing enhancement for PichaStock in a distributed client environment.
- Built responsive interface features and adapted application flows to client requirements.

Software Engineer | ZK Block

Accra, Ghana | Hybrid | February 2023 - May 2025

- Built cross-platform blockchain product interfaces with React Native and React.
- Implemented responsive transaction workflows and maintainable components for zkWallet.

Applications Developer | Escripts Solutions

Accra, Ghana | February 2022 - February 2023

- Led Flutter development of MedFind, a cross-platform e-pharmacy application.
- Integrated inventory, payment, and authentication APIs through testing and deployment.

IT Manager / Applications Developer | Daakye Welfare Fund

Koforidua, Ghana | Remote | 2019 - 2022

- Designed member-contribution and loan-processing workflows with financial reporting.

SELECTED FULL-STACK WORK

Nsawabode | *Sole Full-Stack Developer*

- Built a funeral-contribution platform spanning public, administrative, and client workflows across web and mobile experiences.

Technology: React, Flutter, FastAPI, PostgreSQL, Docker

IntuitiveSBA | *Sole Full-Stack Developer*

- Built an AI-assisted school assessment and report-card platform with image-based score capture, grading, reporting, and parent communication workflows.

Technology: React, Flutter, FastAPI, PostgreSQL, Docker, computer vision

WeDeyForYou | *Sole Full-Stack Developer*

- Developed an artisan marketplace comprising a marketing website, administrative and client portals, backend APIs, and cross-platform mobile applications.

Technology: React, Flutter, FastAPI, PostgreSQL, Docker

Presence360 | *Sole Full-Stack Developer*

- Developed a computer-vision-assisted attendance platform with enrolment, attendance history, and notification workflows.

Technology: Python, FastAPI, React, PostgreSQL, Docker, computer vision

EDUCATION

MSc Computer Science

University of Ghana | 2024

BSc Information Technology, First Class Honours

Ghana Communication Technology University | 2021

SELECTED CREDENTIALS

MSc Computer Science | Fullstack Python Developer - OMCP | Front-End Developer - ALX | Flutter Development Using Dart - The App Brewery