

# DACOSTA AGYEI

## Python / FastAPI Backend Engineer | PostgreSQL and Docker

Accra, Ghana

### PROFESSIONAL SUMMARY

Python backend engineer with experience designing APIs, relational data workflows, integrations, and service layers for web and mobile products. Works with FastAPI, PostgreSQL, MySQL, Docker, and client applications in React and Flutter.

### TECHNICAL COMPETENCIES

**Backend and APIs:** Python, FastAPI, REST API design and integration, PHP

**Data:** PostgreSQL, MySQL, Firebase, relational data workflows, reporting

**Platform engineering:** Docker, Git, system design, authentication, role-based access

**Product integration:** React, Flutter, computer-vision services, 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 and maintained client-facing ReactJS functionality for PichaStock while coordinating requirements with distributed teams.

#### Software Engineer | ZK Block

Accra, Ghana | Hybrid | February 2023 - May 2025

- Implemented transaction workflows and integrations for cross-platform blockchain products using React, React Native, and Web3.

#### Applications Developer | Escripts Solutions

Accra, Ghana | February 2022 - February 2023

- Integrated inventory, payment-processing, and authentication APIs for the MedFind e-pharmacy application.
- Supported testing and deployment across the application's delivery lifecycle.

#### IT Manager / Applications Developer | Daakye Welfare Fund

Koforidua, Ghana | Remote | 2019 - 2022

- Designed data-backed loan, contribution, and reporting workflows.

## SELECTED BACKEND AND PLATFORM WORK

### **Nsawabode | *Sole Full-Stack Developer***

- Built backend services for public, administrative, and client workflows across a funeral-contribution web and mobile platform.

**Technology:** React, Flutter, FastAPI, PostgreSQL, Docker

### **IntuitiveSBA | *Sole Full-Stack Developer***

- Implemented service and data workflows for image-assisted score capture, grading, reporting, and parent communication.

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

### **WeDeyForYou | *Sole Full-Stack Developer***

- Owned backend APIs, relational data design, administrative tooling, and web/mobile product integration for an artisan marketplace.

**Technology:** React, Flutter, FastAPI, PostgreSQL, Docker

### **Presence360 | *Sole Full-Stack Developer***

- Built API-backed enrolment, attendance-history, and notification workflows for a computer-vision-assisted attendance product.

**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 | Google Cybersecurity | Google Data Analytics