

# David W.

## Senior Python/Go Developer

### SUMMARY

- 6+ years of experience as a Python Developer - 3+ years of experience as a Go Developer - Upper-Intermediate English - Available ASAP

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Python (6 yr.), Go (3 yr.)
<b>Programming Languages</b>	C#, Go (3 yr.), Java, JavaScript, Kotlin, Python (6 yr.), TypeScript
<b>Python Frameworks</b>	Django, Flask
<b>Android Libraries and Tools</b>	Kotlin
<b>JavaScript Frameworks</b>	NestJS, React
<b>AI &amp; Machine Learning</b>	PyTorch
<b>Python Libraries and Tools</b>	PyTorch
<b>Data Analysis and Visualization Technologies</b>	ML
<b>Databases &amp; Management Systems / ORM</b>	PostgreSQL, Redis, SQL
<b>UI Frameworks, Libraries, and Browsers</b>	Material UI
<b>Cloud Platforms, Services &amp; Computing</b>	AWS, DigitalOcean
<b>Deployment, CI/CD &amp; Administration</b>	CI/CD, Jenkins
<b>Virtualization, Containers and Orchestration</b>	Docker
<b>Version Control</b>	Git
<b>Methodologies, Paradigms and Patterns</b>	microservices architecture
<b>Web/App Servers, Middleware</b>	Nginx

<b>Platforms</b>	Unity
<b>Other Technical Skills</b>	Mux

## EXPERIENCE

### CTO, Abigail Farms Ltd.

2021

#### Responsibilities:

- Trufrut is an internal tool used by the company to manage stock and sales.
- I worked on the backend with MongoDB, golang, and heroku for deployment. We had a git lab code repo.
- I set up continuous deployment with gitlab-ci. I also made API documentation with a postman.
- I worked on the front end with react Js, and material ui
- I used axios for api calls
- I worked on features that allow users to login, signup, manage other users, manage orders. There are different users with different roles.

### CTO, Dewstech

2021

#### Responsibilities:

- I developed a blockchain application from scratch (quicoïn), using golang technology
- I implemented features that allow multiple quicoïn servers to discover themselves through one or two IP addresses
- I implemented features that prevented transactions to be processed multiple times
- I built a key-value store from scratch with golang, writing to binary files and storing information safely.
- I implemented file locking features and concurrency to allow multiple writes at a time to the database and maintain data integrity.

### Solutions Architect / Game engineer, Vhenn

2019 - 2021

#### Responsibilities:

- I worked with a small team to develop a mobile game with unity. We used Trello for management and unity. I worked on the asset shop, binary save system for state objects, and some of the runner gameplay. (Stack -Unity)
- I worked on a safe file encryption system that allowed only the game program to edit the high score data file
- I worked on a feature that allows random 3D floor designs to be instantiated
- I worked on features that allow new boxes in the game to move at a certain range, and give players more difficulty
- I implemented a feature that tracks the progress of players and increases their difficulty
- I implemented a feature that allows players to buy new coins, and use these coins to buy new players in the game



### **Solutions Architect, POH**

2019

#### **Responsibilities:**

- I manage a team of 7 engineers, interact with clients for business requirements, develop a project roadmap.

<https://www.peaceofhome.co>

**Technologies:** Typescript, Postgres, NestJs, Redis, React, AWS

### **Solutions Architect, Xerde, Lagos Nigeria**

**Responsibilities:** I managed a team of 10 engineers, interface with designers, brand managers, and the CEO, to develop a business and tech strategy. I helped develop a microservice architecture for the fintech company.

**Technologies:** Python, Django, Postgres, Redis, Docker, AWS, Nginx

### **Software engineer, Andela, USA**

**Responsibilities:** I worked on internal software for the company, I worked mostly with the backend team on an asset management system.

**Technologies:** Python, Flask, Redis, Postgres, Docker, Jenkins, AWS

### **Wheeler Ship, USA –Machine learning engineer**

**Responsibilities:** I developed and deployed ML models, and data pipelines for the retail company, I made use of ML to predict demand for their products.

**Technologies:** Python, Scikit-learn, Pandas, Pytorch

## **EDUCATION**

### **National open university, Nigeria – BSC**

I studied computer science at the National open university of Nigeria

### **Skyward – Highschool**

I finished high school at Skyward mega school in Ibadan Nigeria

