



Precious Okoyen

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ABOUT ME

✂ **Passionate Software Engineer | Problem Solver | Lifelong Learner**

Results-driven Software Engineer with a unique background comprising over 8 years as an Immigration Officer, specializing in Immigration Law and ICT management. Recognized for an award-winning record in security, safety, and character management, I now channel my enthusiasm and attention to detail toward technology and innovation.

Graduated from the **ALX Software Engineering** program (**Back-end Development**) and the **ALX AI Carrier Essentials** program (**AI Prompt Engineering**), where I developed robust technical skills and demonstrated resilience, adaptability, teamwork, and critical thinking.

Technical Skills

- **Programming Languages:** Python, C, JavaScript (Flask frameworks)
- **Database Management:** SQL (MySQL, PostgreSQL), NoSQL (MongoDB, Redis)
- **API Development:** RESTful APIs, Authentication (OAuth, JWT)
- **DevOps:** Docker, CI/CD pipelines, basic AWS deployment
- **Web Development:** HTML, CSS, foundational React

Eager to leverage my diverse expertise to tackle real-world challenges and drive impactful solutions in the tech industry.

WORK EXPERIENCE

🏢 **WASTEDUMP** – CITY OF JOHANNESBURG, GAUTENG, SOUTH AFRICA

DEVOPS ENGINEER & ATLISSIAN ADMINISTRATOR (VOLUNTEER) – OCT 2024 – FEB 2025

- Collaborated with a dynamic team to develop the MVP of a startup project, optimizing software development workflows as both Atlassian Administrator and DevOps Engineer.
- Streamlined project management using Jira and Confluence, improving team collaboration and knowledge sharing.
- Implemented and maintained CI/CD pipelines, and provided technical guidance and mentorship to team members.
- Gained hands-on experience with DevOps practices, problem-solving, leadership, and the Atlassian suite (Jira, Confluence, Compass, Loom, Bitbucket).

🏢 **NIGERIA IMMIGRATION SERVICE** – ABUJA, NIGERIA

IMMIGRATION OFFICIAL – NOV 2016 – CURRENT

1. Monitor and assess the eligibility of people entering Nigeria.
2. Identification and documents for compliance with entry criteria.
3. Conduct interviews with prospective immigrants to verify eligibility.
4. Collaborate with other law enforcement agencies to ensure border safety and security.
5. Provide customer service and guidance to travelers and immigrants.

🏢 **DANTATA & SAWOE CONSTRUCTION COMPANY** – YENAGOA, NIGERIA

HEAD OF DEPARTMENT, ICT – JAN 2013 – JUN 2015

Head of Department ICT Section, ensuring the smooth functioning of all computer systems and technology at the Dantata & Sawoe YIG and TER Construction Sites

- maintenance of computers
- managing and handling all computer system-related on-site
- assisting in strategic planning for ICT
- stay updated on ICT advances and implement necessary changes.

EDUCATION AND TRAINING

JUL 2023 – NOV 2024 Lagos, Nigeria

BACHELOR OF ENGINEERING - BE (SOFTWARE ENGINEERING) African Leadership Experience (ALX Africa)

Field of study Software and applications development and analysis

Link <https://intranet.alxswe.com/certificates/RFBHEe5276>

Link <https://intranet.alxswe.com/certificates/xChmLnPJRE>

LANGUAGE SKILLS

Mother tongue(s): IZON (IJAW)

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

observe confidentiality | respond to enquiries | understand spoken English | Web Development | Microsoft Office365

Software Engineering Skills

Linux | Object-Oriented Programming | SDLC & SW Engineering | JavaScript (Node.js, Express.js, TypeScript, Next.js, React) | design for organisational complexity | Git | Python (computer programming) | Motoko | JavaScript Framework | operate relational database management system | design database scheme

PROJECTS

SEP 2024 – SEP 2024

AI-Powered Chatbot (#SEFaceOffCup! API Innovation Challenge)

The AI Movie Chatbot is a web application that allows users to discover, discuss, and receive weather-based movie recommendations through an interactive chat interface. The application leverages the OpenAI API for natural language processing and TheMovieDB API for movie data.

Link <https://github.com/x17green/AI-Powered-Chatbot>

OCT 2024 – OCT 2024

Temperature Conversion Application

This project is a web application that allows users to convert temperatures between Celsius, Fahrenheit, and Kelvin using the MERN (MongoDB, Express, React, Node.js) stack.

Link https://github.com/x17green/PRODIGY_SD_01