JULIUS OKWE

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| 07047501126 |

Calabar

I'm a curious problem-solver bridging the worlds of science and technology. With a foundational background in Biochemistry and formal training from the ALX African Software Engineering program, I bring a unique analytical perspective to software development. Currently contributing to a South African startup revolutionizing waste management, I thrive at the intersection of back-end systems and real-world impact. My passion lies in building scalable solutions while continuously expanding my expertise into fullstack development.

WORK EXPERIENCE

Software Engineer at Wastedump, Johannesburg, South Africa (https://wastedump.com)

2024 - present

• Created and maintained back-end API services using NestJS.

• Tasked with implementing Yoco payment gateway

• Tasked with integrating email services API for system-wide transactional email feature

Python with Raspberry Pi Educator at National Centre for Artificial Intelligence & Robotics (https://ncair.nitda.gov.ng/)

2024 - 2024

• Guided students in Python programming by building interesting projexts with Raspberry Pi.

• Provided tailored feedback to enhance coding comprehension and performance.

Inventory and Weighbridge Manager at Releaf Africa, Cross River, Nigeria. (https://www.wereleaf.earth/)

2021 - 2023

• Managed inventory systems, optimizing material workflows and dispatch accuracy.

• Led weighbridge operations, ensuring detailed tracking of raw material receipts.

• Operational Oversight: Manage daily logistics operations, including transportation planning, route optimization, and timely delivery of goods.

• Weighbridge Management: Supervise weighbridge activities, ensuring precise vehicle weighing, accurate documentation, and compliance with legal standards.

• Regulatory Compliance: Safety, and environmental regulations for logistics and weighing processes.

• Record-Keeping: Maintain detailed records of shipments, weights, and transactions for audits and reporting.

PROJECTS

[Cryptocurrency Portfolio Tracker](https://coming-soon.com) (https://coming-soon.com)

A web application to tracker cryptocurrency portfolios. It uses crypto APIs like CoinGecko to fetch real-time updates in the crypto space. Built with NestJS, React, Chart.js, PostgreSQL and Prisma ORM

• It's super fast for getting updates and monitoring how your portfolios are performing.

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REFERENCES

Mr. Zakhele Shigonwe

Founder/CEO at Wance Pty

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Benjamin

Lead Engineer at Wance Pty

benjamin@wastedump.co.za (mailto:benjamin@wastedump.co.za)

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EDUCATION

University of Calabar

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ALX Africa

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LANGUAGES

English languages
Native

VOLUNTEER EXPERIENCE

Medical Records Officer at First Referral Hospital, Mutum Biyu. (https://
thehospitalbook.com/first-referral-hospital/)

2018 - 2020

Helped with medical records and information management for over 10,000 in and out patients.

Logistics Manager at Nissis Vessels and Raphas Hands Foundations (https://
nissi.foundation)

2018 - 2018

Managed logistics and medical supplies at a free medical outreach to a Refugees camp for displaced
Cameroonians in Cross River State.