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ULIUS OKWE

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Core Competencies: Backend development (NestJS, TypeScript, Prisma ORM, PostgreSQL), DevOps practices, and Python/C scripting

Technical Arsenal: Proficient in JavaScript, HTML/CSS, Bash, and modern toolchains

Domain Experience: Agile development, API design, payment gateway integration, and system optimization

Professional Value: Combines scientific rigor with engineering discipline to deliver maintainable, efficient code

Growth Focus: Actively advancing frontend expertise (React) to achieve fullstack proficiency

Mission: Leverage interdisciplinary background to solve complex technical challenges sustainably

WORK EXPERIENCE

Software Engineer at [Wastedump, Johannesburg, South Africa](#)

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](#)

2024 - 2024

- Guided students in Python programming by building interesting projects with Raspberry Pi.
- Provided tailored feedback to enhance coding comprehension and performance.

Inventory and Weighbridge Manager at [Releaf Africa, Cross River, Nigeria.](#)

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

A web application to track 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

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LANGUAGES

English languages

Native

VOLUNTEER EXPERIENCE

Medical Records Officer at [First Referral Hospital, Mutum Biyu.](#)

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](#)

2018 - 2018

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