



GAOPALELWE WILSON MOLEKOA

SOFTWARE ENGINEER

Engineering technologist with 6+ years experience in FMCG and the built environment. Transitioning into technology with a focus on back-end software development. Strong in project delivery, production goals, and cross-functional collaboration. Dedicated to excellence and ready to drive technological change.

SKILLS SUMMARY

- Languages: Python, SQL, HTML, XML, CSS, .json
- Frameworks: Django, Docker
- Tools: Github, SQLite, Excel, Powerpoint, Word, MS Dynamics, Sharepoint, Dropbox
- Platforms: Visual Studio Code, Sublime Text, Notepad++, DB Browser (SQLite)
- Soft Skills: Strong Stakeholder Management, Rapport Building, People Management, Excelleng Communication
- Technical Skills: Contracts management; Technical Report Writing, Development and Management of Health & Safety Management Systems (ISO45001 Standard), Application of Lean Manufacturing Principles/ Methodologies. Financial Management (Accrual Accounting; and CAPEX), Operations Management (Production Planning, Scheduling, Inventory Management & Quality Control)

PROJECTS/PORTFOLIO

HyperionDev: Software Engineering Bootcamp

Completed a rigorous software engineering bootcamp focusing on Python, Object Oriented Programming, and machine learning in just 6 months. Achieved a top 5 ranking in my cohort with a consistent 98% performance record. Follow my coding journey below and explore my transformative journey of software engineering.

[View HyperionDev Portfolio](#)

PayStree' App

Designed for young entrepreneurs in the catering and small restaurant industry, this back-end project builds robust data pipelines for take-out and delivery-centric businesses. I developed a bespoke relational database that captures and stores all business information, empowering owners to monitor performance through comprehensive dashboards. The solution focuses on three key areas: orders, stock control, and staff management. Take a look below..

[View PayStree' App \(Pending_Build\)](#)

Bank With Pvlē_TheEngineer

By far my favorite and most challenging project, this endeavor involved building and deploying a banking app with finance management dashboards using Next.js 14. The app connects multiple bank accounts, displays real-time transactions, and enables money transfers between users on the platform. This project showcases my ability to integrate complex functionalities and deliver a seamless user experience in a financial application.

[View Bank With Pvlē_TheEngineer \(pending\)](#)

CVs With Pvlē_TheEngineer

This project was an exercise in learning Laravel to master PHP. Using my new skills, I created a free and simple CV (resume) builder aimed at job seekers, ensuring it is over 80% ATS-proof. This project demonstrates my ability to develop practical, user-friendly web applications with Laravel.

[View CVs With Pvlē_TheEngineer\(Pending\)](#)

EDUCATION

2019 - 2021

B-Tech Engineering Civil: Construction Management

Tshwane University of Technology, Pretoria, South Africa

2018 - 2019

Post-Graduate Certificate - Executive Development

University of Stellenbosch, Stellenbosch, South Africa

2014 - 2017

N Dip Engineering Civil

Tshwane University of Technology, Pretoria, South Africa

CERTIFICATIONS

2024

HyperionDev: Software Engineering Bootcamp
HyperionDev.

2023

Teacher Record: TEFL Certificate 120-hrs
TeacherRecord

2020

BRCGS: Global Standard for Food Safety Issue 8: Sites Training
BRCGS

2019

Hazard Analysis & Critical Control Points: Intermediate Level
NSF International

2019

Occupational Health & Safety Act No 85 of 1993 & Regulations for Managers
ABE Bosman Attorneys

EXPERIENCE

2024 Feb-June

Westfalia Fruto Moçambique – Chimoio, Mozambique Lda.

Packhouse Shift Manager

- Equipment Performance Reporting: Monitored OEE and packing equipment performance, implementing improvements.
- Daily Performance Updates: Reported daily metrics to growers and management, highlighting improvement areas.
- Data Management and Reporting: In collaboration with the marketing team, developed spreadsheets and used PowerBI for production insights and reports, ensuring transparency and client satisfaction.
- Export Logistics Coordination: Organized export logistics and maintained production information for compliance.
- Improved Day/Night Shift Operations: Enhanced fruit packing efficiency by creating new documentation, training staff to self-manage, and delivering accurate reports promptly.

2020-2022

Westfalia Fruit Estates, Tzaneen, South Africa

Production Manager

- Implemented Data-Driven Solutions: Used data analysis tools to identify and resolve production issues, boosting efficiency and reducing downtime.
- Optimized Operations: Led continuous improvement initiatives, enhancing quality, flow, and output with lean production techniques.
- Project Management: Managed CAPEX budgets for key projects, ensuring financial accountability and successful completion.
- Cross-Functional Collaboration: Coordinated with departments to align production with customer needs, achieving business goals.
- Safety and Compliance Leadership: Enforced health and safety protocols, developing an ISO45001 compliant Health and Safety Management System.

2018-2020

Westfalia Fruit Estates, Tzaneen, South Africa

Assistant Production Manager

- Achieved Aggressive Goals: Implemented performance and efficiency measures to meet production targets.
- Boosted Productivity: Increased productivity by 15% through training programs and initiatives.
- Optimized Scheduling: Designed new production schedules, reducing labor and inventory loss.
- Enhanced Collaboration: Cultivated partnerships with engineering, marketing, and logistics teams.
- Managed Shipments: Ensured on-time order shipments by effectively managing production activities.

2017-2018

Westfalia Fruit Estates, Tzaneen, South Africa

Civil Engineering Technician

- Monitored Project Progress: Inspected sites to ensure adherence to design specifications, safety, and environmental standards.
- Managed Costs: Estimated project costs, prepared BOQs, and operated within budget guidelines.
- Negotiated Contracts: Secured fair pricing and quality service from suppliers and subcontractors.
- Utilized CAD Software: Designed construction plans and performed calculations using AutoCAD, Revit, and PROKON.
- Ensured Quality Standards: Planned and implemented construction schedules, ensuring on-time and within-budget project completion.

2016-2017

Westfalia Fruit Estates, Tzaneen, South Africa

Civil Engineering Trainee Technician

- Assisted Design Representation: Created graphical representations of civil structural designs.
- Surveyed Land: Measured and determined features of farmland for project planning.
- Facilitated Client Communication: Acted as a liaison between clients and field personnel.
- Supported Bidding Process: Provided on-site inspections and prepared take-offs for bids.
- Monitored Construction Progress: Visited project sites to consult with contractors and on-site engineers.

AWARDS

2024

Hyperion Development: Software Engineering Bootcamp
(Pending)

2014

Tshwane University of Technology: N Dip Engineering Civil

Civil Engineering: S1 Distinction Award

INTERESTS

Music Technology & Engineering Travel

CONTACT DETAILS

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SOCIALS

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