

KHETHELO NTSELE

Junior Software Developer | Python | Software Engineering & Cloud Computing

KwaZulu-Natal, South Africa

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GitHub: <https://github.com/Khethelo01>

Portfolio: [Insert portfolio URL]

PROFESSIONAL SUMMARY

Motivated entry-level software developer pursuing Software Engineering and Artificial Intelligence training through HyperionDev, with Level 1 completed. Practical experience developing Python applications using object-oriented programming, file handling, debugging and structured program logic.

Currently enrolled in AWS Cloud Quest: Cloud Practitioner to develop foundational knowledge of cloud computing and AWS services. Building a portfolio of software projects addressing real-world business challenges, including inventory management, business networking and application scalability.

Seeking a junior software developer, software engineering internship or entry-level technical opportunity to apply programming knowledge, contribute to real-world projects and develop professional engineering skills.

TECHNICAL SKILLS

Programming: Python, object-oriented programming, functions, conditional logic, loops, file handling and data processing

Development Tools: Git, GitHub, AI-assisted development tools, debugging and troubleshooting

Software Development: Application logic, feature development, error handling, problem-solving and software development workflows

Currently Learning: AWS cloud fundamentals, SQL, databases, REST APIs, system design and machine learning fundamentals

PROJECT EXPERIENCE

Python Inventory Management System

Independent Training Project | Python

- Developed a menu-driven inventory management application using Python.
- Applied object-oriented programming principles to create a Shoe class representing inventory items.
- Implemented file reading and data processing to manage inventory records.
- Developed search and restocking functionality.
- Used functions, conditional logic and debugging techniques to improve program functionality.

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InSync — Business Discovery and Networking Platform

Independent Project | In Development

- Developing a platform designed to help businesses discover relevant partnerships and commercial opportunities.
- Designing business discovery and connection workflows around user requirements.
- Exploring business relevance criteria, including industry categories and location.
- Focusing on intuitive user experiences and practical business problem-solving.

Project Link: <https://insync.website/>

EDUCATION AND PROFESSIONAL TRAINING

HyperionDev

Software Engineering and Artificial Intelligence Training
In Progress | Level 1 Completed

Relevant areas of study:

- Python programming and object-oriented programming
- Software engineering fundamentals
- Debugging and problem-solving
- Practical programming projects
- Artificial intelligence and machine learning concepts

Amazon Web Services (AWS) — Skill Builder

AWS Cloud Quest: Cloud Practitioner
Enrolled October 2026 | Training In Progress

Practical cloud computing learning programme designed to introduce AWS cloud concepts and services.

Learning focus:

- Cloud computing fundamentals
- AWS services and cloud infrastructure
- Foundational cloud security concepts
- Cloud architecture, reliability and cost awareness

Status: Enrolled; certification not yet obtained.

Snethezekile Combine School

National Senior Certificate (Matric)
Completed: 2025

ADDITIONAL STRENGTHS

- Independent learning and continuous technical development
- Analytical thinking and problem-solving
- Translating real-world challenges into software requirements
- Willingness to learn new technologies
- Interest in developing secure, scalable and user-focused software