


Ayabonga Hlongwana

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Summary

Highly organized and detail-oriented individual that works very well in an agile environment.

I completed my studies at WeThinkCode_ (Systems development NQF L5). Fascinated by technology and how things work, hence I chose the path of Software development. I find it very fun to come up with solutions that make the world a better place and also get to learn along the process.

as part of the WeThinkCode_ curriculum, I got comfortable working in a team as I practiced agile methodologies. I got exposed to working with version control technologies like github and gitlab.

Object Oriented Programming languages that I am proficient with include Python and Java.

I also have deep understanding of docker containers. able to use IaC tools like terraform and Ansible for configurations.

Education



WeThinkCode

Systems Development(NQF L4), Computer Software Engineering

Sep 2021 - Apr 2023

Sep 2021 - Dec 2022

YEAR 1:

- Programming Fundamentals (Python 3)
- Functional Programming
- Test Driven Development
- Agile Development
- Git Version Control
- Team Work and Communication (Daily stand ups and code reviews)
- Object Oriented Programming
- Build Tools (Maven)
- Unit Testing (JUnit)
- Serialisation and Deserialisation (JSON)
- Sockets
- Java Fundamentals

YEAR 2:

- Acceptance Testing
- Relational Databases
- Code Analysis (Using code clinics)
- Technical Documentation
- Brownfields Development

- Build Pipelines for continuous integration and delivery (Using Gitlab and docker)
- Build Scripts (Makefile, Python and Bash)
- Systems Intergration
- MVC

Licenses & Certifications



Hackerank: Python (Basic) - HackerRank

251B81181510



Hackerank: Problem Solving (basic) - HackerRank

99B347A9F029



Certificate of participation - Empire Partner Foundation

Skills

Object-Oriented Programming (OOP) • Docker • Ci/Cd • Regression Testing • Selenium • Pair Programming • Vagrant (Software) • Shell Scripting • Dynamic Host Configuration Protocol (DHCP) • Virtualization