WeThinkCode_ (Holdings NPC) certify that **Khulekani Zondo** was registered as detailed below:

Full Name: **Khulekani Zondo**
ID/Passport: **0210155135085**
Student Username: **khzondojhb024**
Cohort: **2024**
Campus: **Johannesburg**

Qualification Details

ID	119458
QCTO Accreditation No	07-QCTO/SDP281124132921
Qualifications Title	Occupational Certificate: Software Engineer
NQF Level	NQF Level 06
Credits	240

Status Key	
Competency (C)	Not Yet Competent (NYC)
The student has submitted all required work and achieved an assessment average of 50% or higher.	The student either has incomplete assignments to submit or has an assessment average below 50%.

Year 1	
Programming Fundamentals	
Final Outcome	**Competent**

Progress Report

Knowledge Modules

Module No	Module Title	Submodule	Credits Acquired	Curriculum Title	Module Description	C/NYC
251201-001-00-00-KM-02	**Programming**	**KM-02-KT01: Introduction to programming & KM-02-KT02: Data structures & Algorithms & KM-02-KT03: Logical flow & KM-02-KT04: Error handling**	**19/19**	**Fundamental Concepts with Python**	Students are introduced to core programming principles using Python. Key topics include decision-making, loops, data structures, collections, and modules, reinforced by practical exercises. This foundation builds programming logic, problem-solving skills, and confidence for further software development.	**C**
251201-001-00-00-KM-01 & 251201-001-00-00-KM-02	**Software Engineering & Programming**	**KM-01-KT02: Software and system testing**	**1/ 1**	**Test Driven Development**	Students learn to build software using test-first approaches. Students practise writing tests before code. These activities develop skills in software testing, programming fundamentals, data structures, algorithms, and error handling.	**C**
				Application and Refinement Round 1	Students engage in practical exercises such as Spam Detection and Objects and Classes, allowing them to apply and refine their programming skills in real-world scenarios.	**C**
				Application and	Students do advanced exercises such as	**C**

				Refinement Round 2	Sudoku and Gradients to further enhance programming skills and deepen students' problem-solving abilities and application of core concepts in complex scenarios.	
251201-001-00-00-KM-01 & 251201-001-00-00-KM-02 & 251201-001-00-00-KM-05	**Software Engineering, Programming & Fundamentals of Software Engineering Mathematics (NQF Level 5)**	**KM-05-KT05: Basic statistics and probability & KM-05-KT06: Equations and graphs**	**3.5/ 3.5**	**Mathematics for Software Engineering**	Students focus on statistics and probability in order to build a mathematical foundation for data analysis, probabilistic models, and quantitative reasoning in software contexts.	**C**
251201-001-00-00-KM-01 & 251201-001-00-00-KM-02 & 251201-001-00-00-KM-04	**Software Engineering, Programming & Fundamentals of Project Management in relation to Software Engineering (NQF Level 5)**	**KM-01-KT01: Systems analysis and design**	**7/7**	**OOP & Java**	Students gain a foundational understanding of Java and object-oriented concepts such as encapsulation, composing objects, polymorphism and the use of messages and methods.	**C**
251201-001-00-00-KM-01 & 251201-001-00-00-KM-02 & 251201-001-00-00-KM-04	**Software Engineering, Programming & Fundamentals of Project Management in relation to Software Engineering (NQF Level 5)**	**KM-04-KT02: Fundamentals of Project management & KM-04-KT01:Fundamentals of projects**	**3 / 3**	**Group Project**	Students work on a six-week collaborative project using two-week iterations. They design a client/serve system. This develops skills in client/server architecture, teamwork, software design, and system integration.	**C**

Practical Modules

Module No	Module Title	Submodule	Credits	Curriculum Title	Module Description	C/ NYC
251201-001-00-00-PM-01 & 251201-001-00-00-PM-03 & 251201-001-00-00-PM-04	Document system design & Program and deploy applications	PM-01-PS01: Define the problem & PM-01-PS02: Conduct research to determine & PM-01-PS03: Design the solution & Test or debug source code to ensure client's needs are met, NQF Level 5	22 / 22	Group Project	Students work on a six-week collaborative project using two-week iterations. They design a client/serve system. This develops skills in client/server architecture, teamwork, software design, and system integration.	C

Workplace Experience

Module No	Module Title	Submodule	Credits	Curriculum Title	Module Description	C/ NYC
251201-001-00-00-WM-01 & 251201-001-00-00-WM-03	Software design & Software development	NA	20 / 20	Group Project	Students work on a six-week collaborative project using two-week iterations. They design a client/serve system. This develops skills in client/server architecture, teamwork, software design, and system integration.	C

Assessment Scale Descriptors

Level	score >= 80%	80% > score >= 60%	60% > score >= 40%	40% > score
	Excelling	On Par	Below Par	At Risk

Assessments			
		Average Score %	Level
Semester 1	Programming (Python)	91.33	Excelling
Semester 2	Programming (Java)	83.335	Excelling
Year 1	Programming (Python & Java)	87.33416667	Excelling

Year 1 Total NQF 6 Credits Required	75.5
Year 1 Credits Acquired	75.5
Year 1 Credits Outstanding	None

I do hereby certify that these are the official results for as of **June 30, 2025**.

Kelebogile Motlhamme
Director of Operations