

Sindiso Christopher Ndlovu
Junior Software Developer
220 Commissioner Street, Johannesburg, Gauteng
+27 (0)72 619 7445 | +27 (0)79 677 8695
sindiso.chris@gmail.com
[LinkedIn Profile](#) | [Digital Resume](#)

Profile

Junior software developer with hands-on experience in building efficient and scalable software solutions. Proficient in various programming languages and frameworks, with a proven ability to deliver user-friendly applications. Focused on practical problem-solving and effective collaboration on development projects.

Skills

- **Technical Skills:**
 - Problem Solving
 - SQL Relational Mapping
 - Data Analysis
 - Data Engineering
 - Systems Integration
 - Brownfields Development
 - Agile Methodology
 - Web Development (Full Stack)
- **Soft Skills:**
 - Team Leader
 - Communication
 - Team Player
 - Innovative
 - Decision Making
 - Adaptability
 - Time Management

Education

1. **Software Engineering** – Completed
Institution: WeThinkCode
Year: 2023 – 2024
2. **Matriculation** – Completed
Institution: Isibani Academy
Year: 2014

Languages

- **English:** Fluent
- **IsiZulu:** Native

Experience & Projects

1. **Web Developer Freelancer - SBB Minerals**
- April 2024 -
 - Developed a modern, responsive website using **JavaScript, CSS3, HTML5, Tailwind CSS**.
 - Integrated a functional contact form and designed for mobile and tablet responsiveness with animations for a sleek, user-friendly experience.
 - Delivered clean, maintainable code with a focus on scalability.
2. **Administrator and Developer - MaWoX Business Hub**
- February 2019 – December 2022
 - Bookkeeping, Customer Service, Debt Collection, Connect with suppliers, drafting reports.
 - Created a multi-purpose web application for **customer management** and **data analysis** using **Excel, VBA, Python (Flask Framework), Pandas, Scikit-Learn, Numpy, JavaScript, CSS3, HTML5**.
 - Integrated the system with **Google Sheets** using Google Cloud API and Google Apps Script, enabling automated report generation.
 - Built a dashboard for sales analysis and implemented various features for automating workflows in point-of-sale systems.
 - This accelerated the delivery process by 95% efficiency. About 80% of backlog can be cleared in one week

Technologies & Tools

- Git Version Control (GitLab & GitHub)
- Java (Springboot (Beginner), Javalin)
- Python (Flask, Django (Beginner))
- Docker, Gitlab CI/CD Pipeline
- Linux & Bash Scripting
- Restful APIs
- Machine Learning (OpenCV, Pandas, NumPy)
- Google Cloud Platform
- Advanced Excel & VBA
- SQLAlchemy
- AWS Cloud Platform (EC2)
- Jinja2 & Thymeleaf Templates
- HTML5 & CSS3 (Intermediate)
- SQL (SQLite3, MySQL, PostgreSQL)
- Google App Scripts (Intermediate)

References

Title: Founder | CEO

Organisation: SBB Minerals | Sandile Buthelezi

Relationship: Client

Phone: +27 78 209 6685

Email: sandile@sbbminerals.com

Title: Software Engineer

Name: Terrence Tebatso

Organisation: Capitec Bank

Relationship: Mentor

Phone: +2776 616 6822

Title: Founder | CEO

Organisation: Mawox | Nathi Pieter-John

Relationship: Former Employer & Mentor

Phone: +27 78 339 2740

Email: nathiengineeringsolutions@gmail.com

Title: Engineering Student (Postgraduate)

Name: Sifundo Gwala

Organisation: University of Johannesburg

Relationship: Friend

Phone: +27 67 222 6158



WeThinkCode_ Student Progress Report: Semester 3

Student Name:	Sindiso Ndlovu
Student Username:	sndlovu023
Cohort:	2023
Campus:	Johannesburg
Date:	29 November 2024

Performance Scale Descriptors

Performance Scale Descriptors					
Level	5	4	3	2	1
Outcomes	Exceeds Expectations	Above Expectations	Meets Expectations	Below Expectations	Expectations not Met

Interpreting the Outcomes

Exceeds Expectations: student is able to submit project requirements well in advance before the deadline. Grading was passed/correct on the first attempt.

Above Expectations: student attempted grading twice before the deadline, but passed on the second attempt before the deadline.

Meets Expectations: student is able to submit projects on time and pass at the required level.

Below Expectations: student is below expectations, attempted grading and submitted after the deadline, and passed.

Expectations not Met: student attempted to submit after the deadline passed/failed and this indicates that major development is required. Students should make use of the interventions available to improve performance.



Performance Report

Year 2 Module 1 - Brownfields Development This module introduces a concept which is a more common occurrence in industry, whereby developers contribute to an existing codebase by refactoring, adding new features and improving overall code quality. It also introduces the concept of CI/CD and automated testing which is an essential key in releasing production ready code.	
Project Name	Level
Iteration 1	
Acceptance testing	4.8
Iteration 2	
Build Pipeline	4.3
Iteration 3	
Persistence	4.7
Iteration 4	
Simple HTTP API	4.7
Year 2 Module 2 - Web Development This module introduces key skills and tools for industry standard web development. This module adds HTML, CSS and javascript to the students arsenal as well as frontend and server side generated views.	
Iteration 5	
HTML, CSS, javascript Separation of Concerns. Design for change	3
Iteration 6	
HTTP, web and web apps	5
Iteration 7	
Persistence, server-side rendering	5



Final Outcome

Year 2: Semester 1 Outcome	
Brownfields	4.7
HTTP, Web, HTML, CSS, Persistence (Web Development)	4
Final Score (%)	90

I do hereby certify that these are the official results for Sindiso as of 29 November 2024.

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think
code_

Corban Loots

Corban Loots

Performance Lead, Johannesburg

corban@wethinkcode.co.za



Appendix A

Glossary

Project Name	Description
Iteration 1: Acceptance testing	Acceptance testing is a quality assurance (QA) process that determines to what degree an application meets end users' approval.
Iteration 2: Build pipeline	a set of automated processes that allow developers to reliably and efficiently compile, build, and deploy their code to their production platforms.
Iteration 3: Persistence	Manage data storage in a database.
Iteration 4: Simple HTTP API	a basic Server automation tool that lets you control the Server from external applications using simple HTTP calls.
Iteration 5: Separation of Concerns. Design for change	separating an application into distinct sections, so each section addresses a separate concern. At its essence, Separation of concerns is about order.
Iteration 6: Building web apps	application software that runs in a web browser, unlike software programs that run locally and natively on the operating system of the device.
Iteration 7: Individual exercise	<p>This exercise consolidates several concepts covered during the semester. There are tasks in this exercise that test your understanding of:</p> <ul style="list-style-type: none"> • HTTP APIs • Relational database design and SQL • Object Persistence • HTML, CSS



REPUBLIC OF SOUTH AFRICA

National Senior Certificate

Awarded to

SINDISO CHRISTOPHER NDLOVU

Identity number 9101246025081

Subject	Achievement	
	%	level
IsiZulu Home Language	79	6
English First Additional Language	76	6
Mathematics	70	6
Life Orientation	68	5
Business Studies	56	4
Life Sciences	70	6
Physical Sciences	71	6
Tourism	71	6
*****	***	*

This candidate is awarded the National Senior Certificate and has met the minimum requirements for admission to bachelor's degree, diploma or higher certificate study as gazetted for admission to higher education, subject to the admission requirements of the higher education institution concerned.

With effect from December 2014

M. S. LAKONETSI

Chief Executive Officer

150 4736 9969 S



This certificate is issued without alterations or erasure of any kind



UMALUSI



**Council for Quality Assurance in
General and Further Education and Training
South Africa**

5914438

(See reverse for more information)



This is to certify that

Learner

successfully completed and received a passing grade in

SQL and Relational Databases 101

(DB0101EN, provided by IBM)

A course on skillsbuild.skillsnetwork.site
Powered by IBM Developer Skills Network.

Issued by
IBM SkillsBuild

December 1, 2024

Authenticity of this certificate can be validated by going to:
<https://courses.skillsbuild.skillsnetwork.site/certificates/9e5d0a5102a6408f8533e26b13e1c0c6>

Data Fundamentals

ISSUED TO

Sindiso Christopher Ndlovu



Issued on: 16 MAY 2024 | Issued by: IBM SkillsBuild
Verify: <https://www.credly.com/go/cSmqUIVp>



28 Aug 2023

**SINDISO CHRISTOPHER
NDLOVU**

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

A handwritten signature in black ink, appearing to read 'Shu Wan', positioned above a horizontal dotted line.

Xuhu Wan
Associate Professor
Department of Information Systems, Business Statistics and Operations Management

**COURSE
CERTIFICATE**



Verify at:

<https://coursera.org/verify/3J6TJ7AS3YQV>

Coursera has confirmed the identity of this individual and their participation in the course.



06 Mar 2024

SINDISO CHRISTOPHER
NDLOVU

has successfully completed

AWS Cloud Technical Essentials

an online non-credit course authorized by Amazon Web Services and offered through
Coursera

A handwritten signature in black ink, appearing to read "Morgan Willis".

Morgan Willis
Senior Cloud Technologist
AWS Training and Certification

A handwritten signature in black ink, appearing to read "Kagiso".

Senior Cloud Technologist
AWS Training and Certification

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/BB4C3ATTAEFF>

Coursera has confirmed the identity of this individual and their
participation in the course.

Sindiso Christopher Ndlovu

ID#: 518b0d14-5409-4ac4-87e5-63d5e01e9661

Birth Date: 24 January 1991

sindiso.chris@gmail.com

www.credly.com/users/sindiso-ndlovu.19c7905c

Python Essentials 2

Issued by: Cisco**Issued to:** Sindiso Ndlovu**Issued on:** 20 February 2024

Description

Cisco, in collaboration with OpenEDG Python Institute, verifies the earner of this badge successfully completed the Python Essentials 2 course and achieved the student level credentials. Earners have knowledge and skills in intermediate aspects of Python programming, including modules, packages, exceptions, file processing, as well as general coding techniques and object-oriented programming (OOP), and prepares the learner for the PCAP – Certified Associate in Python Programming certification.



Python Essentials 1

Issued by: Cisco**Issued to:** Sindiso Ndlovu**Issued on:** 21 February 2024

Description

Cisco, in collaboration with OpenEDG Python Institute, verifies the earner of this badge successfully completed the Python Essentials 1 course and achieved the student level credentials. Earners have knowledge of the concepts of computer programming, the syntax and semantics of the Python language as well as demonstrate the ability to accomplish coding tasks related to the essentials of programming in the Python language and resolve implementation challenges using the Python Standard Library.



Data Analytics Essentials

Issued by: Cisco**Issued to:** Sindiso Ndlovu**Issued on:** 29 February 2024

Description

Cisco verifies the earner of this badge successfully completed the Data Analytics Essentials course. The holder of this student-level credential has a broad understanding how the data analytics process creates value from data, can explain characteristics of data, including formats, availability and methods to acquire, can transform data and analyze data using basic statistical and data preparation techniques. The holder has completed hands-on activities using Excel, SQL, Tableau and other tools.



Creating Compelling Reports

Issued by: [Cisco](#)

Issued to: Sindiso Ndlovu

Issued on: 3 March 2024

Description

Cisco verifies the earner of this badge successfully completed the Creating Compelling Reports course and achieved this student level credential. Earner has knowledge of why reports are valuable in business contexts, and how to select appropriate tone, key points of relevance and organizational structure to communicate a specific message to a particular audience. Completed up to 24 scenario-based interactions and one immersive branching scenario.



JavaScript Essentials 1

Issued by: [Cisco](#)

Issued to: Sindiso Ndlovu

Issued on: 24 July 2024

Description

Cisco, in collaboration with OpenEDG JS Institute, verifies the earner of this badge successfully completed the JavaScript Essentials 1 course and achieved the student level credentials. Earners know the syntax of the core JavaScript; can work with variables, operators, flow control, and functions; know the basics of data types system; think algorithmically and can analyze problems using a programmatic conceptual apparatus; and can design, develop, and improve simple JavaScript programs.

DRIVING LICENCE SOUTH AFRICA

CARTA DE CONDUCAO

SC NDLOVU

ID No: 02/9101246025081 MALE

Birth: 24/01/1991 ZA Restriction: 0

Licence Number: 20340010V9HX No: 1

Valid: 29/09/2020 - 28/09/2025

Issued: ZA

Code: C1

Vehicle restriction: 0

First issue: 28/09/2020



REPUBLIC OF SOUTH AFRICA
NATIONAL IDENTITY CARD

Surname: NDLOVU

Names: SINDISO CHRISTOPHER

Sex: M

Nationality: RSA

Identity Number: 9101246025081

Date of Birth: 24 JAN 1991

Country of Birth: RSA

Status: CITIZEN

