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

- **Programming Languages**:
  - Java (Intermediate, OOP)
  - Python (Intermediate, OOP)
  - JavaScript (Beginner)
  - VB Excel (Intermediate)
  - Google App Scripts (Intermediate)
  - SQL (SQLite3, MySQL, PostgreSQL, NoSQL)
  - HTML5 & CSS3 (Intermediate)
  - Jinja2 Template
  - ThymeLeaf Template
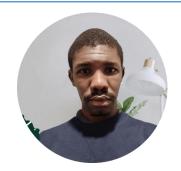 - C++ (Beginner Level)

Education

1. **Software Engineering** – *In Progress*
   Institution: WeThinkCode
   Year: *2023 – 2024*

2. **Matriculation** – *Completed*
   Institution: Isibani Academy
   Year: *2014*

Experience & Projects

1. **Full-Stack Website Development**
   SBB Minerals – *April 2024*
   1. Developed a modern, responsive website using **JavaScript**, **CSS3**, **HTML5, Tailwind CSS.**
   2. Integrated a functional contact form and designed for mobile and tablet responsiveness with animations for a sleek, user-friendly experience.
   3. Delivered clean, maintainable code with a focus on scalability.

2. **Work Management Web Application**
   MaWoX Business Hub – *March 2023*
   1. Created a multi-purpose web application for **customer management** and **data analysis** using **Python (Flask Framework)**, **Pandas, Sciktit-Learn, Numpy**, **JavaScript**, **CSS3**, **HTML5**, **Jinja2**, **Apex Charts.js**, and **SQLite3**.
   2. Integrated the system with **Google Sheets** using Google Cloud API and Google Apps Script, enabling automated report generation.
   3. Built a dashboard for sales analysis and implemented various features for automating workflows in point-of-sale systems.
   4. This accelerated the delivery processor by 95% effeciency. About 80% of backlog can be cleared in one week.

3. **Technicians Tracking System Testing**
   OnTheMove – *February 2022*
   1. Collaborated on a contract project to test the usability of both a mobile app and its dashboard.
   2. Employed **Java JUnit** tests for code quality assurance and debugging.
   3. Ensured optimal performance and user experience through thorough testing and debugging.

Technologies & Tools:

- Git Version Control (GitLab & GitHub)
- Docker
- Linux & Bash Scripting
- Python (Flask Framework)
- Java (Springboot)
- Restful APIs
- Data Analytics
- Machine Learning (SciKit-Learn, OpenCV, Pandas, NumPy)
- Google Cloud Workspace
- JS Apex Chart

Other Competencies:

- Team Leadership
- SQL Database Management
- Advanced Excel & VBA

Languages

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

Interests

- Machine Learning (Computer Vision)
- Web Application Development
- Cloud Computing (AWS)
- Systems Architecture
- Data Visualization
- Data Analytics
- Robotics (Arduino)
- Entrepreneurship

Miscellaneous

- Drivers Licence
- Maths & Science Tutor
- Apparel Designer
- Computer Hardware Technician

References

Title: **Campus Team Manager**

Company Name: WeThinkCode

Duration: 2024-05 – 2024-09

Phone: +27 10 599 0279

Email: campus.team@wethinkcode.co.za

Title: **Founder | CEO**

Company Name: SBB Minerals | Sandile Buthelezi

Duration: 2024-04 –

Phone: +27 78 209 6685

Email: sandile@sbbminerals.com

Title: **Founder | CEO**

Company Name: Mawox Business Hub|
Nathi Pieter-John

Duration: 2018-02 – 2022-12

Phone: +27 78 339 2740

Email: nathiengineeringsolutions@gmail.com

Title: **OnTheMove Project Manager**

Company Name: Vinod | Remote

Duration: 2022-05 - 2023-02

Phone: +91 96626 61991

Email: piyush.vinod@solution4u.com

Title: **Postgraduate Mechanical Engineer**

Company Name: University of Johannesburg

Relationship: Friend

Phone: +27 67 222 6158

Email: dan.mcjwara@myself.com

Data Fundamentals

ISSUED TO

Sindiso Christopher Ndlovu

Issued on: 16 MAY 2024 | Issued by: IBM SkillsBuild
Verify: https://www.credly.com/go/nxKBn8XX

aws

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

EDUCATION FOR EVERYONE
coursera
COURSE CERTIFICATE

Morgan Willis
Senior Cloud Technologist
AWS Training and Certification

Senior Cloud Technologist
AWS Training and Certification

THE HONG KONG
UNIVERSITY OF SCIENCE
AND TECHNOLOGY

28 Aug 2023

SINDISO CHRISTOPHER NDLOVU

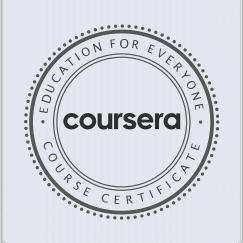has successfully completed

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

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

EDUCATION FOR EVERYONE · COURSE CERTIFICATE ·
coursera

Verify at:

CISCO Networking Academy

Certificate of Course Completion

Sindiso Ndlovu

has successfully achieved student level credential for completing the **Creating Compelling Reports** course.

The student was able to proficiently:

- Explain the business value of creating compelling reports.
- Implement appropriate design choices for purpose, audience, and format.
- Apply contextual understanding to design of a report.
- Select authoring decisions to support a compelling report.
- Determine appropriate responses for individual reporting scenarios.

CISCO Networking Academy
Verified
Creating Compelling Reports

Scan to Verify

Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

March 03, 2024

Networking CISCO Academy

Certificate of Course Completion

Sindiso Ndlovu

has successfully achieved student level credential for completing the **Data Analytics Essentials** course.

The student was able to proficiently:

- Explain how the data analytics process creates value from data.
- Explain the characteristics of data, including formats, availability and methods to acquire.
- Transform data using analytics tools.
- Analyze data using basic statistical and data preparation techniques.
- Complete hands-on lab using Excel, SQL, Tableau and other tools.
- Evaluate and share project portfolio.

CISCO Networking Academy
Verified
Data Analytics Essentials

Scan to Verify

Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

February 29, 2024

Networking
CISCO Academy

Python PI
INSTITUTE
Open Education and Development Group

Statement of Achievement

Sindiso Ndlovu

has successfully achieved student level credential for completing the
Python Essentials 2 course, provided by Cisco Networking Academy in
collaboration with OpenEDG Python Institute.

The graduate is able to proficiently:

- Design, develop, debug, execute, and refactor multi-module computer programs written in Python 3.
- Analyze and model real-life problems in OOP categories.
- Use the potential of Python in everyday applications, including IoT and DIY activities.
- Understand the role of a programmer in the software development process.
- Attempt the qualification PCAP – Certified Associate in Python Programming from OpenEDG Python Institute and continue their professional development at an advanced level.

CISCO Academy
Verified
Python Essentials 2

Scan to Verify

Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

February 20, 2024

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.

20 October 2023

CONFIRMATION OF REGISTRATION

This letter confirms that **Sindiso Ndlovu** with **9101246025081** is a registered student at We Think Code Holdings NPC (registration number 2015/147088/08) ("WTC"), situated at:

84 Albertina Sisulu Rd, Johannesburg, 2000

WeThinkCode_ is a training institution that trains software engineers to graduate with an NQF Level 5 qualification in Systems Development accredited by the MICT SETA. **Sindiso Ndlovu** is enrolled to train with us from **4 September 2023** to **31 December 2024.** Over this period, students complete 16 months of full-time study at the WeThinkCode_ campus. All students sign a contract as a commitment to complete the 16 months of contact training.

Yours sincerely,

Zakirah Arends-Whittles
Head of Campuses

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. Lakometsi

Chief Executive Officer

This certificate is issued without alterations or erasure of any kind
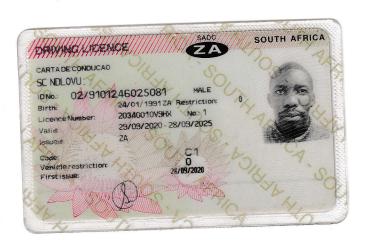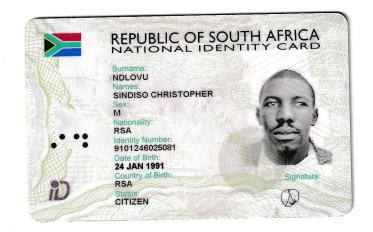
150 4736 9969 S

5914438

65129

DRIVING LICENCE

CARTA DE CONDUCAO

SADC **ZA**

SOUTH AFRICA

SC NDLOVU

ID No.: 02/9101246025081   MALE

Birth: 24/01/1991 ZA   Restriction:

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

Signature:

DRIVER RESTRICTIONS
0 None
1 Glasses / Contact lenses
2 Artificial limb

PrDP CATEGORIES
P Passengers
G Goods
D Dangerous goods

VEHICLE RESTRICTIONS
0 None
1 Automatic transmission
2 Electrically powered
3 Physically disabled
4 Bus > 16000 kg (GVM) permitted

A	A1	≤ 125 cc
B		GVM ≤ 3500 kg / ≤ 750 kg
C1		GVM ≤ 16000 kg
C		GVM > 16000 kg
EB	EC1	
EC	EC	

Date of Issue:
16 OCT 2019

RSA

111731911