

# ITUMELENG NTELA

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## Summary

A dedicated IT student with a passion for both technology and creative expression. When I'm not immersed in coding or problem-solving, you'll find me exploring my love for music, experimenting in the kitchen, or staying active through fitness and running. I'm equally comfortable with quiet hobbies like crocheting with wool as I am with dreaming up new content creation ideas. My curiosity and commitment to growth drive me to seek meaningful experiences in tech. I'm eager to apply my academic knowledge in real-world settings while staying true to my creative, multifaceted nature.

## Experience

- |   |                                    |
|---|------------------------------------|
| • <b>Student Learning Assistant - CMPG121   Contract</b>                            | <b>Jul 2024 – Nov 2024</b>         |
| <b>North-West University</b>  | <b>Potchefstroom, South Africa</b> |
| ○ Guided students through C++ programming tasks and coursework.                     |                                    |
| ○ Adjusted support based on student pace and understanding.                         |                                    |
| • <b>Student Learning Assistant - CMPG111   Contact</b>                             | <b>Feb-2025 - May-2025</b>         |
| <b>North- West University</b>   | <b>Potchefstroom, South Africa</b> |
| ○ Provided academic support in python programming, including grading and mentoring. |                                    |
| ○ Offered individual and group sessions adapted to different learning styles.       |                                    |
| • <b>Peer-Assisted Learning (PAL) - MTHS113   Contract</b>                          | <b>Mar 2025 - Jun 2025</b>         |
| <b>North-West University</b>  | <b>Potchefstroom, South Africa</b> |
| ○ Led group study sessions for first-year students in Maths for IT.                 |                                    |
| ○ Explained concepts clearly, encouraged collaboration, and built confidence        |                                    |

## Technical Skills

- **Programming Languages:** Python, Java, C#, C++, SQL, Delphi, .NET Framework
- **Web Development:** HTML, CSS, JavaScript, Node.js, React, MongoDB
- **Software:** MS Word, MS Excel, MS Access, MS Teams, Oracle, Excel QM, MS Visual Studio, MS Visual Studio Code, PyCharm
- **Design Skills:** UI/UX Design, Canva, Adobe Photoshop
- **Business Skills:** Business Management, Problem Solving for Managers
- **Analytical Skills:** Data Structures and Algorithms, Data Analytics, Databases and Advanced Databases, Decision Support Systems, Descriptive Statistics
- **Methodologies:** Agile, Scrum
- **Mathematical Skills:** Basic Mathematical Techniques, Discrete Mathematics
- **Computer Science Fundamentals:** Structured Programming, User Interface Programming, Object Oriented Programming, Advanced User Interface Programming, Cloud Computing, System Analysis and Design, Information Security, Operating Systems, Computer Networks
- **AWS :** Introduction to Amazon CloudWatch, Getting Started with Serverless, Getting Started with Cloud Operations, Getting Started with Databases, Introduction to the AWS Management Console, Introduction to Cloud 101
- **Spark Unit :** Intro to the AWS Cloud and Sustainability, Cloud Rescue! Koalas (Lab)
- **Other:** Cisco Packet Tracer

## Professional Skills

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- Good communication skills, clear speaking and writing with strong attention to detail
- Amazon Innovation, Goal Setting, AWS Startups
- Effective time management and organisational abilities
- Able to work well in a team and respect different opinions
- Strong problem-solving skills using both creative and logical thinking
- Experience in student support and reporting as a student assistant

## Licenses & certifications

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• Vodacom Digital Skills Hub (Cloud)	Aug 2025
• Microsoft AI Fluency Course	Aug 2025
• Data analysis Bootcamp : Master Data Science Skills	Jul 2025
• Full Stack development by FNB App academy	Jul 2025
• Cyber Security Training	Dec 2024
• The Hour of Code	Nov 2021

## Projects

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- **Coffee Business Website** ( HTML, CSS, JavaScript )

A responsive website for a coffee business with menu and contact form.

- **Vitality Clinic System** C#, .NET, Windows Forms )

A C# application for clinic management with patient records and appointment scheduling.

- **StudentDev Hub Platform** ( Node.js, React, MongoDB, Express.js )

An interactive quiz application testing knowledge of GitHub features and workflows.

- **Messaging App (Visual Studio)** ( Visual Studio, C#, .NET, WinForms )

A basic chat application built in C# using Windows Forms in Visual Studio. Allows users to send, receive, and display messages in a local network setup.

- **Packet Tracer Network Simulation** ( Cisco, Networking, Packet Tracer )

A Cisco Packet Tracer project simulating a full network topology with routing, switching, and connectivity.

## Education

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(Detailed subjects, modules and marks can be found on my [website](#))

- **Bachelor of science in Information Technology (3<sup>rd</sup> year)**

**North- West University** Potchefstroom, NW

Golden Key Membership Recognized for outstanding academic performance, placing in the top 15% of BSc in Information Technology

- **National Senior Certificate (Matric)** 2021

**Dr Molefi Olyphant Secondary** Bophelong, Vanderbijlpark

## References

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**Mr Pheno Modisane**

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