
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

- **Student Learning Assistant - CMPG121 | Contract** **Jul 2024 – Nov 2024**

North-West University

Potchefstroom, South Africa

- Guided students through C++ programming tasks and coursework.
- Adjusted support based on student pace and understanding.

- **Student Learning Assistant - CMPG111 | Contract** **Feb-2025 - May-2025**

North- West University

Potchefstroom, South Africa

- Provided academic support in python programming, including grading and mentoring.
- Offered individual and group sessions adapted to different learning styles.

- **Peer-Assisted Learning (PAL) - MTHS113 | Contract** **Mar 2025 - Jun 2025**

North-West University

Potchefstroom, South Africa

- 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

- 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

- **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

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

- **Bachelor of science in Information Technology (3rd 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 Oliphant Secondary

Bophelong, Vanderbijlpark

References

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