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**

  o   Guided students through C++ programming tasks and coursework.

  o   Adjusted support based on student pace and understanding.

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

North- West University   **Potchefstroom, South Africa**

  o   Provided academic support in IT-related subjects including grading and mentoring.
  o   Offered individual and group sessions adapted to different learning styles.

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

North-West University | | Contract   **Potchefstroom, South Africa**

  o   Led group study sessions for first-year students in Maths for IT (MTHS113).
  o   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
- **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
- **Other:** Cisco Packet Tracer

Professional Skills

- Good communication skills, clear speaking and writing with strong attention to detail
- 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

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.

- **GitHub Quiz Website**   **(HTML, CSS, JavaScript)**

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.

Weather Application   **(JavaScript, API Integration, Responsive Design)**

Real-time weather forecasting app with location detection and 5-day forecast.

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

Mr Phenyo Modisane   **Mr Rodney Sebopelo**

Lecture, Northwest University   **Lecturer,** Northwest University

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