

LESEDI MANGANYI

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SUMMARY

A highly motivated aspiring software engineer with a passion for developing innovative solutions that drive business growth. Ability to solve problems and collaborate effectively within teams. Eager to leverage strong technical skills amongst a multitude of programming languages in order to contribute to company success.

EDUCATION

BSc in IT majoring Computer Science and Business Management **Jan 2024 - Present**

- Computer Programming (C# .NET & Java) - Windows Forms/Console/MAUI Applications, Class Development, File Management (IO)
 - Software Design - Data Structures, Computer Resource Management, Algorithm Complexity
 - Systems Analysis & Design - SDLC Process, Project Management, Data Modelling, Architecture Design, User Interface Design, Implementation
 - Database Management - SQL Database Programming, Database Design, Database Performance Tuning
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SIDE PROJECTS

Salon Appointment System

- Windows Application that uses login credentials from a backend SQL Server to access Main Window.
 - Main Window includes functions such as Update Profile, Appointments, Manage Staff, Change Password, Graphical Reports that show trends of visitors in the salon.
 - Uses XAML for frontend design with C# code-behind along with an SQL Server backend.
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WORK EXPERIENCE

Quality Assurance Intern **Sep 2025 - Present**

Bloemfontein (Virtual)

- Conducting daily QA testing across Oigetit's app to verify features.
- Documenting and reporting bugs, usability issues, and performance concerns.

Computer Programming Demonstrator **Feb 2025 - Present**

University of Free State

- Demonstrate C# & Java programming to first year students and encourage practical participation.
 - Explaining of C# & Java concepts to first year students.
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ADDITIONAL INFORMATION

- **Skills:** Programming, Problem-solving, Application planning, Git
- **Languages:** C#, Java, JavaScript, SQL, HTML, CSS
- **Certifications:** Leading with a Digital Mindset in the Age of AI (LinkedIn), Information & Computer Technology (ICT) Proficiency (UFS)