

Nkosinathi Mdawonde

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Objective

As a recent ICT graduate with hands-on experience in developing web applications and optimizing databases, I am seeking for a graduate programme position where I can apply my technical and problem solving skills, gain practical experience, and contribute to the success of a dynamic organisation. I aim to grow professionally while adding value through innovation, collaboration, and a strong work ethic.

Education

- **Durban University of Technology.** 2025
Advanced Diploma In Information and Communication Technology In Application development.
Completed(Cum Laude)
- **Durban University of Technology.** 2024
Diploma In Information and Communication Technology In Application Development.
Completed (Cum laude).
- **Sibongumusa High School.** 2021
National Senior Certificate.
Bachelor Pass.

Skills

- Flexibility and Problem solving
- Effective Communication.
- Collaboration and Teamwork.
- Computer Skills
- Judgement and Decision making
- Social skills
- Customer relations and assistance
- Friendly and professional demeanor
- Patient and empathetic listening
- Attention to detail

Projects

- **2023 : C# MVC Core Web Application(Campus Clinic)**
 - Developed a web application for students at DUT to schedule clinic appointments efficiently.
 - Enhanced healthcare services and reduced waiting times through streamlined appointment booking.
- **2023 : Children's village**
 - Organized a visit to a children's village in Pietermaritzburg.
 - Donated clothes and toys to support orphans, spending meaningful time engaging with them.
- **2024 : C# MVC Core Web Application(DUT Students accommodation).**
 - Built a system enabling students to independently manage and make accommodation reservations.
 - Improved convenience and efficiency in the booking process.
- **2025 : Python, Web Application(DUT Book Store)**
 - Developed an online bookstore application that allows DUT students to browse and purchase academic books.
 - Aimed to eliminate the inconvenience of physical shopping and improve accessibility to learning materials.
- **2025 : Java Mobile Application(Peer tutoring System).**
 - Developed a mobile application that allows students to book tutors online and enables tutors to manage and schedule their sessions.
 - Improved access to academic support and streamlined communication between students and tutors.
- **2025: Python & Flask Web Application (DUT Face Recognition Attendance System)**
 - Developed a full-stack web application that automate student attendance tracking through facial recognition.
 - Implemented a secure login for lecturers to generate and download digital attendance registers, with the system automatically calculating student marks based on attendance.
 - Eliminated manual paperwork, reduced administrative overhead for staff, and provided a more accurate and efficient attendance solution for students.
- **2025: ASP.NET MVC Core Web Application (House Rental Platform)**

- Developed a full-featured property rental web application allowing tenants to browse listings, submit rental applications, and make secure online payments via Stripe API.
- Provided a dedicated portal for property owners to advertise, manage property details, and process tenant applications efficiently.
- Streamlined the rental process, saving time for tenants and offering house owners a powerful tool to market and manage their properties.

- **2025: C# Windows Forms Application (Catalyst E-Commerce)**

- Designed and built a Windows Forms application for an online clothing store, enabling users to browse products and make purchases.
- Implemented an admin portal for inventory management, including uploading new products and updating product details.

- **2025: JavaScript Web Application (QR Code Generator)**

- Developed an interactive web application that enables users to generate custom QR codes for websites and WhatsApp links.
- Designed to help businesses and individuals streamline their digital advertising by creating scannable codes for quick access to online resources.

Stack Tech Used

Key Technologies: C#, Python, Java, JavaScript, OpenCV ASP.Net MVC Framework, Flask Framework, HTML, CSS, SQL and SQL lite.

Achievements & Awards

- 30/07/2023 : Python Programming with everybody.
- 01/08/2023 : python Data structure.
- 14/02/2024 : Technical Support Fundamentals.
- 21/03/2024 : 5G Basics- What's all about.
- 08/10/2023 : Nedbank Consumer Financial Education.
- 02/11/2024 : Academic Support.
- 24/07/2025 : Certificate In Full Stack Development.

Reference

- **Mr Sphelele Mtolo. - Department of Education.**

Teacher at Sibongumusa High School.

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074 0661 098

- **Mr Phumlani Simelane. - DUT**

IT lecturer at Durban University of Technology.

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- **Boniswa Mafunda. - DUT**

Acting HOD at Durban University of Technology.

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