

# Nkosinathi Mdawonde

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🌐 <https://nkosinathi-02.github.io/Portfolio/>

in <https://www.linkedin.com/in/nathi-mdawonde-92a28b286/>

## Objective

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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

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- **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

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- 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

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- **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

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

## Achievements & Awards

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- 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

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- **Mr Sphelele Mtolo. - Department of Education.**  
Teacher at Sibongumusa High School.  
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- **Mr Phumlani Simelane. - DUT**  
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