XOLA MGANGXELA   HOME   ABOUT   PROJECTS   EDUCATION   CONTACT

• COMPUTER SCIENTIST • APPLICATION DEVELOPER

XOLA MGANGXELA

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📍 JOHANNESBURG, GAUTENG   💻 GITHUB   🔗 LINKEDIN

👤 **ABOUT ME**

I am a dedicated final year IT student, with a strong passion for solving complex problems through technology. Through my academic projects, assignments, and in class exercises, I have built a solid foundation in software development, data structures, and algorithmic thinking. I enjoy turning ideas into practical, efficient solutions and continuously refining my code for performance and readability. My goal is to develop into a well rounded IT professional who delivers reliable, scalable, and impactful solutions.

💻 **PROJECTS**

ONLINE CV PORTFOLIO (THIS APP)   💻 GITHUB

An ASP.NET MVC web application that displays my professional CV as a live, hosted portfolio. Built using the MVC design pattern with Entity Framework Core and SQLite for data persistence.

C#   ASP.NET MVC   ENTITY FRAMEWORK CORE   SQLITE   BOOTSTRAP 5

CONTRACTMONTHLYCLAIMSYSTEM   💻 GITHUB

A contract management and monthly claims processing system that allows users to submit, track, and manage contractor claims efficiently.The system validates

input data, calculates claim totals, and stores records for administrative review.

ASP.NET   SQL SERVER   C#

ABCRETAILAPP

💻 GITHUB

A retail management application designed to manage products, customers, and orders. The system supports CRUD operations, inventory tracking, and structured data storage to simulate a real-world retail environment.

.NET   SQL SERVER   AZURE STORAGE   ENTITY FRAMEWORK   C#

OOP FUNDAMENTALS PROJECT

💻 GITHUB

A foundational object-oriented programming project demonstrating core OOP principles including encapsulation, inheritance, polymorphism, and abstraction through practical class-based implementations.

.NET   C#

🏫 EDUCATION

BACHELOR OF COMPUTER AND INFORMATION SCIENCES IN APPLICATION DEVELOPMENT   CURRENT

IIE Emeris Ruimsig (The Independent Institute of Education)

2024 – Present

NATIONAL SENIOR CERTIFICATE (MATRIC)   COMPLETED

The King's School West Rand

2022 – 2023

GRADE 8 – 10   COMPLETED

Hoërskool Roodepoort

2019 – 2021

🛠 SKILLS

TECHNICAL

PROGRAMMING   DATA STRUCTURES & ALGORITHMS   VERSION CONTROL (GIT)

SOFTWARE DEVELOPMENT PRINCIPLES   DEBUGGING & CODE OPTIMIZATION

SOFT SKILLS

PROBLEM SOLVING & ANALYTICAL THINKING

TEAM COLLABORATION & COMMUNICATION

🎯 **INTERESTS**

Drawing — enhances my design thinking and visual problem-solving skills. Squash enthusiast who has competed in school-level games.

📞 **CONTACT**

Interested in working together or have an opportunity to share?

✉ SEND ME AN EMAIL

DOWNLOAD MY CV (PDF)

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