

# Manqoba Mlangeni

## Software Developer

Highly motivated Computer Science graduate from the University of KwaZulu-Natal with a basic foundation in software development and a passion for technology. My academic career has prepared me to tackle complex challenges through analytical thinking and creative problem-solving. A team player with a proactive approach, I excel in collaborative environments and am eager to apply my technical skills to deliver efficient and innovative solutions in the tech industry



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## SKILLS

Linux Operating System

Restful Web Service

C++

JavaScript

C

Microsoft SQL

Postgres SQL

Java

Python

CSS & SASS

HTML

Communication

## LANGUAGES

Zulu

Full Professional Proficiency

English

Full Professional Proficiency

## INTERESTS

Technology and  
Cybersecurity

## EDUCATION

### BSc Computer Science And Mathematics

University of KwaZulu Natal

02/2020 - 11/2022

## PROJECTS

### Jarvis Personal Assistant (03/2022 - 06/2022)

- Developed a Desktop Jarvis personal assistant using C++.
- The Jarvis assistant can take keyboard commands and execute them.
- The Jarvis assistant can also interact with the user using voice narration.

### Realtor(Side project)

- The website is 100% coded and technologies used are React and Visual studio code.
- Frontend was done using both HTML and Tailwind CSS for styling.
- Backend was done using JavaScript and Firebase for database.
- Then for hosting of the website Vercel was used. Link to the project <https://react-app-rosy-nine.vercel.app/>.

## EXPERIENCE

### FYE mentorship

University of KwaZulu Natal

02/2022 - 11/2022

*Achievements/Tasks*

- Mentored first year students to help them gain confidence in academics.
- Created a study group to tutor mathematics to first year students.
- Managed to assist close 70% complete their first year with above average results.

### Tutor

University of KwaZulu Natal

07/2022 - 11/2022

*Achievements/Tasks*

- Tutoring Comp 107 (Foundations of Computer Science).
- Tutoring Comp 201 (Data structures).
- Demonstrating Comp 201.

## VOLUNTEERING

### Matric Tutor (03/2023 - Present)

*Tutoring Mathematics and Physical Science to Grade 12 learners*