

# YONELA SITSHAKA

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## SOFTWARE DEVELOPER

A 712 Musa Road KwaMashu

0769403082 | [hopewellsitshaka@gmail.com](mailto:hopewellsitshaka@gmail.com) | [yenela@kznsc.com](mailto:yenela@kznsc.com)

### ABOUT

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#### Create your own steps to keep it original.

Above is the statement I live by, since my first internship which is my current. This is because I have seen how we as a team have managed to get the flow of a system that never existed before. The take from requirements specification to development was and is a wonderful experience.

What I learned about myself during this internship is that I am good at adapting to the problem requirements which is learning while you solve. By this, I mean most of the tools we now use on the project I was unfamiliar with but adopted soon enough to use them for something that makes the client happy. Before I was working more with C# asp .NET MVC, SQL, Azure, and so on. Now I have been working with Python and Django and it has been such a great honor.

I am an ICT graduate, who graduated in the class of 2021 at the Durban University of Technology.

I have gained experience in ERD diagrams, use case Diagram, Microsoft Visio Diagram, GIT, JavaScript, Python with Django and the rest framework, Visual Studio, Visual studio code, SQL, MySQL database, HTML, C#, MVC asp .net, Git, GitHub, Jira, and word press.

### EDUCATION

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2019-2021 **DURBAN UNIVERSITY OF TECHNOLOGY**

KwaZulu-Natal, Durban

Graduation: May 2022

***Diploma: Information and Communication Technology in Applications Development***

Related Course Work:

Applications Development and Applications Development projects, Information systems, Communication networks, Azure cloud services.

**Technical skills:** SQL Database, C#, JavaScript, MVC, HTML, Microsoft Visio Diagram, Azure cloud services, UML Modeling, Agile Development

2014-2016 **MTWANE SENIOR SECONDARY SCHOOL**

KwaZulu-Natal, Umzimkhulu rural

Year of completion: 2016

**Certificate: National Senior Certificate**

### WORK EXPERIENCE

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2022 - 2023 **KZN Sports Confederation**

KwaZulu-Natal, Durban

### ***IT Software Development (Intern)***

- Developing software for KZN sports confederation to be able to keep all their data online, using Python with Django and the rest framework for APIs, JavaScript, HTML, CSS, and MySQL for database.
- Worked with the Planners to define requirements and understand them, however, more focused on the backend coding but I am involved throughout the SDLC as every member of the team is.

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## **PROJECT EXPERIENCE**

### **KZNSC WEBSITE (CURRENT)**

MARCH 2022 –2023

The system is for data management and capturing at the KwaZulu-Natal sports confederation from the provincial level to the ward level, it will also handle administrations at the KZNSC and its federations. I am involved in the backend coding, assisting in all development phases for experience and learning.

**TECHNOLOGIES:** PYTHON AND DJANGO, MYSQL DATABASE, GIT AND GITHUB FOR VERSION CONTROL.

### **LIVE SOUND (UNIVERSITY PROJECT)**

This project was focused on growing new upcoming artists so they can profit from their work without record labels being the middleman. In this system, they could upload their music for free or choose the sell it there, they also sell other items such as merchandise and so on, and they could receive ratings for their work for feedback and improvement to name few functions of the system. I was involved in the backend functionality using C# asp .net MVC framework.

### **DOGPALOUR BOOKING SYSTEM (DONE FOR A FRIEND)**

In this project clients booked services for their dogs such as hotel, spa, and dog walking. According to the number of services the client purchases they get a deposit. The system admin assigned these tasks to the staff members on the system, and when all the tasks are done a client can rate the services. In this project, I was involved in all the stages of development, from requirement gathering system specification design and development. But my core skill was and is on the backend coding

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## **REFERENCES**

### **SOLOMON OMOKEHINDE (SENIOR SOFTWARE ENGINEER/MENTOR)**

CONTACT DETAILS: [solomon@apprise.co.za](mailto:solomon@apprise.co.za) | +2783 734 4661

### **PETER THOM(EMPLOYER)**

CONTACT DETAILS: [peter@kznsc.com](mailto:peter@kznsc.com) | +2783 270 0420

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## **ADDITIONAL DATA**

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- Skills: fast learning, good communication, creative thinking, problem-solving,
- Technical skills: Front-End Dev, Back-End Dev, Agile Dev, Database design and development
- Programming languages: Python, C#, javascript, HTML, CSS, SQL, MySQL

- Technologies: Visual studio, visual studio code, Git, GitHub, Jira, Postman
- Frameworks: asp .net MVC, Django, Django rest framework
- GitHub account: <https://github.com/HopewellA1>
- LinkedIn account: [linkedin.com/in/yonela-sitshaka-492b26208](https://www.linkedin.com/in/yonela-sitshaka-492b26208)