

# SIMANGA HENDRY KHOZA

🌐 [www.github.com/h3ndry](https://www.github.com/h3ndry) 🔗 [www.hendry.xyz](http://www.hendry.xyz) ✉ [h3khoza@gmail.com](mailto:h3khoza@gmail.com)

📍 26 Frangipani St, Chantelle X16, Pretoria ☎ (+27) 81-249-0306

## OBJECTIVE

---

Passionate software engineering graduate with a hands-on, high-energy approach, well-developed skills in Agile methodology, and an unapologetically user-focused philosophy. Have developed several web applications, including a music web app using the Spotify API

## EDUCATION

---

### **N.Dip Computer Systems Engineering,**

*Tshwane University of Technology*

2018 — 2020

- Relevant coursework: Object-oriented Programming, Data Structures and Algorithms, Database Development, Operating Systems, Systems Analysis
- Built a shape detection system to improve security on digital systems for Raspberry Pie as a senior year project

### **High School Diploma**

*Sincobile Secondary School*

2009 — 2013

- Achieve a distinction of 80% in mathematics
- Heavy focus on maths, physics, and science
- Awarded The Best Learner in Mathematics

## WORK EXPERIENCE

---

### **Software Developer Intern**

*The Horizon*

March 2021 — Present

- Document and test new software applications
- Develop applications (coding, programming)
- Research competitor offerings

### **Student Assistant**

*Tshwane University of Technology*

February 2020 — December 2020

- Oversaw students in the classroom and common areas to monitor, enforce rules, and support lead teachers.
- Tutored struggling students individually and in small groups to reinforce learning concepts.
- Assisted teachers with classroom management and maintain a positive learning environment.

## PROJECTS

---

### **Music Web Application**

🌐 <https://github.com/hendry3k/magibela-website> — 🔗 <https://magibela.netlify.app/>

- Plays preview of the top songs from Spotify using REST API
- Responsive to mobile devices, accomplished by bootstrap and JQuery
- A working Contact Us form, powered by Formspre API

{ TypeScript — JQuery — CSS — HTML }

### **Online Cellphone Store**

🌐 <https://github.com/hendry3k/cell-phone-store> — 🔗 <https://cell-phone-store.netlify.app/>

- Uses Context API from React to manage the state of the web application
- Retrieve The website data from a JSON file
- Responsive to Mobile devices, accomplished using CSS grid

{ JavaScript — React — CSS-in-JS — HTML }

## CERTIFICATES

---

### Advanced CSS and Sass: Flexbox, Grid, Animations and More!

link: <https://www.udemy.com/certificate/UC-0SO19IVU/>

- SVG images and videos in HTML and CSS: build a background video effect
- The NPM ecosystem: development workflows and building processes
- Using Sass in real-world projects: global variables, architecting CSS, managing media queries, etc

### Microsoft Certified: Azure Fundamentals

link: [https://www.credly.com/badges/eb7f2969-df90-4138-b898-bcb9f57389e1/public\\_url](https://www.credly.com/badges/eb7f2969-df90-4138-b898-bcb9f57389e1/public_url)

- Describe cloud concepts and core Azure services
- Describe identity, governance, privacy, and compliance features
- Describe core solutions and management tools on Azure

## TECHNICAL SKILLS

---

- |                            |                   |                 |
|----------------------------|-------------------|-----------------|
| • C# & .NET Core Framework | • React & Svelte  | • Git & GitHub  |
| • NodeJS & MongoDB         | • Oracle Database | • Linux Servers |
| • HTML, CSS, JavaScript    | • SQL Servers     | • Firebase      |
| • REST API Development     | • C/C++           | • Java          |
| • PHP                      | • MySQL           | • Docker        |
| • Agile / Scrum            | • Laravel         |                 |

## SOFT SKILLS

---

- |                 |                     |                   |
|-----------------|---------------------|-------------------|
| • Communication | • Creativity        | • Teamwork        |
| • Flexibility   | • Thinking visually | • Problem-Solving |

## HIGHLIGHT

---

- |                         |                      |                      |
|-------------------------|----------------------|----------------------|
| • Web Developer         | • Frontend Developer | • Software Developer |
| • Systems Administrator | • Software Tester    | • Web Design         |