Keith Hughes

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Summary

I completed high school in 2012 and began my career in sales. However, my true passion lies in IT, and I eventually transitioned into the field, gaining practical experience through various positions. Wanting to deepen my knowledge, I pursued further education in IT.

With a diverse background in sales, finance, and IT, I possess valuable skills for different industries. My unwavering passion for IT and commitment to growth drive me to continually expand my expertise.

I am excited about the future opportunities that my combined background can offer, and I am determined to pursue my interests and passions in the field of IT.

Experience

Technical Mentor
WeThinkCode

Sep 2023 - Dec 2023 (4 months)

As a Tech Mentor at WeThinkCode_, my primary mission is to guide and empower the next generation of tech enthusiasts. I work closely with first-year students, helping them navigate the intricacies of technical learning and providing support during their transition into the vibrant WeThinkCode_ community. I dedicate a minimum of four hours per week to assist and inspire my mentees. Beyond technical knowledge, I'm here to lend an empathetic ear and offer guidance on various academic and personal challenges. My goal is to foster a positive and growth-oriented environment, sharing my own experiences, insights, and a strong belief in the power of a positive mindset to overcome obstacles. Together, we're building a brighter future for tech innovation.

Freelance Web Developer
Self-employed

Feb 2021 - Dec 2022 (1 year 11 months)

I took a career break and searched for more opportunities in IT during this time and during this "career break" I built websites for small business by using wordpress and buying and configuring codescripts from online code marketplaces. Some of the sites I made:
https://stocktally.co.za
https://94records.co.za

Information Technology Consultant
Friends4Life

Jun 2020 - Feb 2021 (9 months)

Account management consultant
The standard bank of south Africa

Aug 2013 - Apr 2017 (3 years 9 months)
Dealt with telephonic rehabilitation of delinquent cheque and loan accounts.

Education

WeThinkCode
Computer Software Engineering
Sep 2022 - Apr 2024

Jeppe high school for boys
Matric
2008 - 2012

Licenses & Certifications

Java (Basic) - HackerRank
3EAFF45679E9

Python (Basic) - HackerRank
9DC0C72F7AD1

Introduction to Java - Sololearn
CC-9J8BLMV5

Skills

Artificial Intelligence (AI) • API Development • Graphical User Interface (GUI) • Debian • GTK+ •
Technical Expertise • Empathy and Patience • Problem Solving • Communication and Interpersonal Skills
• Java

Honors & Awards

Innov8 Makerthon runner-up - National Youth ICT Council
Aug 2023
My team and i entered the innov8 makerthon hosted by the National Youth ICT council and other
organizers. The makerthon needed us to create a physical solution to improve infrastructure security in
the country.

We decided to focus on the ongoing crisis of cable theft in the country. The idea we had was to create a
device that would be able to detect irregular movements of cables and immediately send a notification
to the Energy department with the location of the disruption.

We worked tirelessly overnight and we were able to create a prototype of the device we had in mind.
We made use of an Arduino board, red and green LEDs and a gyroscope sensor. Essentially the
prototype used LED lights to simulate how the device reacts during a disruption. When the device
moved too fast or titled too much the green light would turn red indicating a disruption.

We were honored when we were called up on stage as 2nd place winners. We were greeted by the MMC of Johannesburg and the deputy minister of Technology and Communications.