




Busisiwe Precious Hlophe

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OBJECTIVE

An entry level software developer with a passion for coding and a strong desire to kickstart a rewarding career in the software development industry. Eager to leverage my foundational knowledge in Java, JavaScript and Python, acquired through WeThinkCode, to contribute effectively to a dynamic development team. Seeking an entry-level role where I can learn, grow, and make meaningful contributions while continuously expanding my skills and expertise.

EXPERIENCE

September
2021 -
February
2023

- **Tutoring**
Physical sciences, Mathematics and English

EDUCATION

2019

- Hulwazi Secondary School
12

2023-
current

- **Information Technology (Systems Development)**
Wethinkcode
NQF 5

SKILLS

Team player

100%

Communication

80%

Python

80%

Git

80%

Flutter

60%

Linux

80%

HTML, CSS, JavaScript

100%

SQL

60%

Java

80%

Unit/Acceptance Testing

60%

Dart

60%

Restful APIs

60%

PROJECTS

- **AI-Powered Energy Optimization Solution for Telecom Equipment (Hackathon)**
Developed an AI-powered web application software aimed at monitoring and optimizing energy flow within internal and external telecom equipment. The solution integrates alternative energy sources, such as solar panels, to supplement power supply during load shedding events.
Teamed up with 2 other members, our solution was chosen as the winning solution of the event.
- **The Classic Calculator**
The Classic Calculator, a straightforward tool designed for quick and accurate arithmetic calculations. With features such as basic mathematical operations, and a clear display, it provides a user-friendly solution for everyday calculation needs. Its responsive design ensures seamless usability across different devices, making it an essential tool for anyone seeking simplicity and efficiency in arithmetic tasks.
- **HTML Exercise**
This is a simple HTML landing page project showcasing a form where a user can select their enquiry and input their contact information.
- **Leap Year Checker**
The Leap Year Checker is a Python programme to validate leap years. Features include customizable logic, ease of use and versatile application. Key functions such as `is_leap` determine leap year status based on criteria. Ideal for calendar applications, data analysis and educational purposes.

ACHIEVEMENTS & AWARDS

- Certificate Of Achievement • For the best innovative solution in the challenge topic : 'Disruptive Alternative Energy Solutions For Telcos Combating The Effects Of Loadshedding And Ensuring Cost Efficiency' at the inaugural 2023 SATNAC Industry Solutions Challenge

REFERENCE

- **Busang Moshifa - Wethinkcode**
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GITHUB

- <https://github.com/Bubu224>

CERTIFICATES

- Introduction to python(SoloLearn)
- Tech for everyone(SoloLearn)
- Python Intermediate(SoloLearn)
- Introduction to SQL(SoloLearn)
- Introduction to HTML(SoloLearn)