

Theo Masoko

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EDUCATION

Botswana Accountancy College

BSc. (Hons) Computer Systems Engineering

Gaborone

Aug. 2022 – Present

Gaborone Senior Secondary School

Pupil

Gaborone

Feb. 2020– Nov 2021

EXPERIENCE

Research and Innovation

Feb 2024 – May 2024

Botswana Accountancy College

Gaborone Camp

- Developed a Library system to mirror the physical school system to increase convenience and management of resources.
- Developed a full-stack web application using **HTML, React, Xamp, PHP ,PostgreSQL**
- Working on this project with a diverse team taught me the importance of effective communication, delegation, and constructive feedback, leading to a successful outcome and highlighting the power of collaboration in achieving shared goals.

Academic Experience and Projects

- As a driven third-year student pursuing a **BSc. (Hons) in Computer Systems Engineering**, I have gained valuable experience through hands-on projects that enhanced my development skills, self-directed learning of new technologies, and a collaborative mindset that fuels my eagerness to contribute innovative solutions, positioning me to make impactful contributions in the software engineering arena .
- I'm excited by the prospect of learning from experienced professionals, collaborating on impactful projects, and continuously expanding my skill set to become a valuable contributor to a team.
- I believe my enthusiasm, adaptability, and strong work ethic will enable me to quickly learn and contribute to a company's success.

PROJECTS

Agricultural Information Portal | *HTML, CSS, JavaScript*

June 2024 – July 2024

- * **Developed an Agricultural Information Portal** aimed at providing Botswana-specific agricultural insights, including **modern farming techniques, weather updates, and market prices**. This project integrated frontend and backend technologies to create a user-friendly platform.
- * **Comprehensive Agricultural Resources:** Designed and structured content that offers detailed information on **farming practices, market analysis, and success stories** from local farmers.
- * **Interactive User Experience:** Implemented search functionality and interactive features to enhance user engagement, ensuring that users can easily navigate through various sections.
- * **Responsive Design:** Ensured that the portal is fully responsive, providing a seamless experience across different devices and screen sizes.

Portfolio Website | *HTML, CSS, JavaScript*

Dec 2023 – Jan 2024

- * Designed and developed a personal portfolio website to showcase more of my skills, projects, and experiences.
- * **About Me Section:** Highlighted my background, skills, and career goals.
- * **Project Showcase:** Created a gallery of my projects with descriptions, images/screenshots, and links to live demos or code repositories
- * **Skills and Technologies:** Visually presented my technical and soft skills.
- * **Contact Information:** Provided a way for potential employers or collaborators to get in touch with me.

· **LINK TO MY PORTFOLIO WEBSITE**

TECHNICAL SKILLS

Languages: Java, HTML5, JavaScript, Kotlin, LaTeX, CSS3, PowerShell, PHP, Python, SQL (Postgres), MySQL

Frameworks: Node.js, Bootstrap, React, JavaFX

Developer Tools: GitHub Pages, Anaconda, VS Code, Visual Studio, IntelliJ, PyCharm, Apache Tomcat, Gradle, Windows Terminal

Databases: MariaDB, MySQL. **Libraries.** **Networking:** Cisco