

Xolani Lan Shongwe

Software Developer Intern

Aspiring Software Developer seeking an internship / graduate program opportunity that will allow me to immerse myself in the world of coding, problem solving, and innovation. I am excited to contribute to a dynamic team while furthering my learning and development. Moreover, I am committed to continuous growth and learning, all I ask is an opportunity to contribute my skills while gaining hands-on experience in an environment that fosters innovation and encourages exploration.

WORK EXPERIENCE

DevOps Engineer Intern

July 2023 – Present

Capaciti Tech Accelerator, Braamfontein, Johannesburg

Reference: **Anele Maseko** 0761378804

- Developing and Containerizing Websites and Web Applications
- Currently learning version control, organization's DevOps tools (Docker, Kubernetes and Ansible), practices, culture troubleshooting and debugging.

Java Software Developer Intern

March 2023 – June 2023

Mecer Intel-Ed, Midrand, Johannesburg

Reference: **Mr Mpisani** 0664247230

- Developed a Bakery Management System where I collaborated with 3 of team members using Java, JSP and Servlets, Maven (As our building tool), MySQL (as our database), Postman, JSON, XML and HTML5, CSS3 and JavaScript for the frontend part. The system interface had a user registration, categories, items search and payment, after purchasing an item customer received a notification via Email, product filter etc. I was responsible for the database design and implementation and also indeveloping the frontend of the application and also the admin side of the application.

Software Developer Intern

July 2022 – March 2023

Binary Bits Technologies, Pretoria, South Africa

Reference: **Thami** 0814945797

Projects

1. **Note Taking Application** - [Source Code](#) / [Live Preview](#) / [Documentation](#) links.
2. **Recipe Application** - [Source Code](#) / [Live Preview](#) / [Documentation](#) links.
3. **Bakery Management Application** - [Source Code](#) / [Documentation](#) links.
4. **Bank Application** - [Source Code](#) / [Live Preview](#) / [Documentation](#) links.
5. **InnkStockMedia Application** – [Source Code](#) / [Live Preview](#) / [Documentation](#) links.

CONTACT

Braamfontein, Johannesburg (Open to Remote Working)

- **078 712 8231**
- lanshongwe10@gmail.com
- [LinkedIn Profile Link](#) [Github](#)
- [Profile Link](#) [Portfolio](#)
- [Website Link](#)

SKILLS

Technical Skills:

- **Programming Language:** Java, Python, C++
- **Web Technologies:** HTML5, CSS3, JavaScript. Currently learning React.js and Node.js then Next.js
- **Database:** MySQL, Oracle SQL, Oracle PL/SQL, Firebase
- **Tools:** Maven, Visual Studios, Sublime
- **Version Control:** Git and Github
- **Containerization:** Docker And Kubernetes (Basics)
- **Cloud Services:** AWS and Azure Cloud Services(Basics)

Industry Knowledge:

- Software Engineering Principles
- Object-Oriented Programming (OOP)
- Database Management Systems
- Operating Systems (Linux && Windows)
- Design Patterns

Soft Skills

- **Problem-Solving, Teamwork, Time Management, Effective Communication, Adaptability, Collaboration and Critical Thinking.**

Tools and Software

Figma, WordPress, Netbeans IDE, Code Blocks IDE, IntelliJ IDEA, Vercel (Web hosting service), Stack Overflow, ChatGPT.

EDUCATION

Tshwane University Of Technology

NDip: Information Technology(**Software Development**)
Jan 2018 – August 2021

Certificates

1. Microsoft Azure Fundamentals
2. JavaScript Algorithms and Data Structures.