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 about designing, implementation and maintenance of CI/CD pipelines
- Currently learning version control, organization's DevOps tools(Docker, Kubernetes and Anisible), 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 in developing 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. **For More Projects –** Click [HERE](#)!

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:
- **P**roblem-Solving, **T**eamwork, **T**ime Management, **E**ffective Communication, **A**daptability, **C**ollaboration and **C**ritical Thinking.

Tools and Software:
- **F**igma, **W**ordPress, **N**etbeans IDE, **C**ode Blocks IDE, **I**ntelliJ IDEA, **V**ercel(Web hosting service), **S**tack Overflow, **C**hatGPT.

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.