

LWAZI TOBOSE

SOFTWARE ENGINEER



PROFESSIONAL PROFILE

Enthusiastic and dedicated Software engineer with a passion for crafting efficient and user-friendly web applications. Proficient in front-end technologies such as HTML, CSS, and JavaScript, with experience in React.js. Skilled in back-end development using languages like Node.js and Java, coupled with database management expertise in SQL and NoSQL environments. Possesses a strong understanding of software development principles and best practices, coupled with the ability to adapt quickly to new technologies and methodologies. A collaborative team player with excellent communication skills, eager to contribute to innovative projects and continuously grow in the field of full stack development.

WORK EXPERIENCE

FULL STACK JAVA DEVELOPER TRAINEE

Zensar Technologies SA, Johannesburg
February 2022 – July 2023

Key Functions & Responsibilities:

- Worked on applications on Front-end development using React JS, JavaScript, HTML and CSS.
- API testing using Postman, also explored Node.js APIs routing to both relational and non-relational databases (MySQL & MongoDB).
- Created applications using Spring Boot and Spring security.
- Explored DevOps methodology, created CI/CD pipeline which integrated Jenkins, Docker. Followed best practices for software development and web security.
- Wrote custom HTML and JavaScript for existing websites.
- Attended development programs to gain competencies and boost skills set.
- Conducted unit testing to deliver optimal browser functionality.
- Performed unit testing of web applications and troubleshooted issues.

XPRESSION DEVELOPER

(Contracted as Service Provider to Old Mutual, Mutual Park, Cape Town)

Key Functions & Responsibilities:

- Worked in Adobe InDesign.
- Worked with variables and arrays.
- Designed and developed document templates using x-Pression, worked closely with the business and system stakeholders.
- Provided application support to operations in production.
- Performed build and deployment of x-Pression packages from one environment to another.

SOFTWARE TESTING INTERN

Tshimologong Precinct, Johannesburg
March 2021 – November 2021

Key Functions & Responsibilities:

- Learned Python as a scripting language.
- Performed Manual Testing on 12 applications.
- Performed API testing using Postman.
- Gained exposure to UI Automation Testing using Selenium.
- Gained exposure to Performance Testing.

CONTACT

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EDUCATION

Certificate: Information Technology

Sisekelo Institute of Business and
Technology – 2022

Full Stack Web Development - Programme covered Full Stack development (Front End and Back End Development) with a focus on Java Full Stack Development. Curriculum included modules such as Java fundamentals, UI Development, DevSecOps, Spring, Databases and Testing.

Advanced Diploma: Information Technology

Central University of Technology – 2021

Relevant coursework includes Software engineering & Design, Information Security, User Interfaces Design and Software Development.

National Diploma: Information Technology (Software Development)

Central University of Technology – 2019

Relevant coursework includes Software Development, Technical Programming, Graphic Design and Information Systems

Certificate: Information Technology

SASTQB – 2021

The ISTQB® Certified Tester Foundation Level (CTFL) certification is the cornerstone of essential testing knowledge that can be applied to real-world scenarios. The syllabus provides a comprehensive understanding of the terminology and concepts used in the testing domain worldwide, making it relevant for all software delivery approaches and practices, including Waterfall, Agile, DevOps, and Continuous Delivery.

WORK EXPERIENCE

COMPUTER LAB ASSISTANT

Central University of Technology, Bloemfontein
February 2020 – February 2021

Key Functions & Responsibilities:

- Configured hardware, devices, and software to set up 120 workstations for students.
- Diagnosed hardware problems and fixed faults or contacted appropriate repair service.
- Handled lab equipment, cleaned keyboards, monitors and disk drives.
- Collaborated with vendors to locate replacement components and resolve advanced problems.
- Supported all computer lab operations. Provided instruction to all lab users on proper use of all equipment.
- Monitored systems in operation and quickly troubleshoot errors.
- Diagnosed and troubleshoot hardware, software, and network issues.

PROFESSIONAL ATTRIBUTES

- Knowledge of the software development life cycle.
- Proficient in Java programming with a strong foundation in computer science principles
- The desire to work in a fast-paced environment.
- Actively engaged in online courses and workshops to stay updated on the latest developments in Java development.
- Understand concepts of software development.
- Programming language knowledge.
- Advanced communication and interpersonal skills.
- Discover and fix programming bugs.
- Team-oriented with excellent collaboration and communication skills.

REFERENCES

Will be provided upon request.

SKILLS

- Java
- JavaScript
- HTML
- CSS
- MySQL
- MongoDB
- React
- Spring boot & Spring MVC
- AJAX
- AWS
- Rest API
- Software Development
- DevOps
- Node .js
- Git
- Problem-solving and debugging
- Continuous learning
- Documenting