

Tadiwa Wilson Mapfumo

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Professional Summary

Junior Software Developer with expertise in programming, web design, database design, software engineering and mobile development. Adept at designing and developing web and mobile applications, solving complex challenges, and collaborating effectively in team environments. I am seeking to further my skills and education in the IT industry to contribute to innovative and impactful projects.

Education

Eduvos - Bedfordview, Gauteng

Higher Certificate in Software Development - Completed 2024

Relevant Modules:

- Basic Java Programming (Elective)
- Advanced Java Programming
- Mobile Development (Elective)
- Linux Operating System
- Database Design Concepts
- Database Management (MySQL)
- Program Design
- Software Engineering
- Personal Skills Development
- Computer Literacy (Microsoft)

Cloud Computing and DevOps (in progress)

Digital Regenesys

Pending Qualifications:

- AWS Certified Developer - Associate (DVA-C02)
- AWS Certified Cloud Practitioner (CLF-C02)
- AWS Certified DevOps Engineer -Professional Exam
- AWS Certified AI Practitioner
- AZ-900: Microsoft Azure Fundamentals
- Google Cloud Fundamentals
- Terraform Associate
- Certified Kubernetes Administrator (CKA)
- Docker Certified Associate

Other certifications in progress

- CompTIA Network+
- CompTIA A+

Projects

- Bank Mobile App
- **Technologies:** .NET MAUI, SQLite, XAML, C#
Developed a cross-platform mobile banking app supporting user registration, login, balance viewing, and fund transfers.
Ensures secure data handling with proper validation and encryption.
Overcoming challenges in creating a unified UI across platforms by customizing visual elements.
- Forum Website
- **Technologies:** Java, JSP, Servlets, Apache Tomcat, MySQL
Created a web-based forum for topic creation, discussions, and user management.
Optimized database queries and managed session control to handle peak usage efficiently.
- Antique Auctions Website
- **Technologies:** Java, JSP, MySQL, Apache Tomcat
Designed a platform for online antique auctions with bidding and product management.
Integrated validation and audit trails to ensure bid integrity and secure transactions.
- Portfolio Website
- **Technologies:** HTML, CSS, JavaScript, AOS Animation, Gulp, Cloudflare Pages
Designed and developed a responsive personal portfolio website to showcase skills and projects.
Implemented a typewriter effect, scroll-triggered animations, and an interactive “Hire Me” form with Formspree.
Deployed using **Cloudflare Pages** with continuous integration via GitHub for fast global delivery.

Technical Skills

Programming Languages:

Java, Python, HTML, CSS, JavaScript, PHP, C#

Frameworks & Technologies: JSP, Servlets, .NET MAUI, .NET, XAML, AOS Animation, Formspree\

Databases: MySQL, SQLite, SQL

Operating Systems:

Linux, Windows

Development Tools & IDEs:

Apache NetBeans IDE, Visual Studio Code, MySQL Workbench, Apache Tomcat, Git, Gulp

Software Engineering Practices:

Agile Methodologies, Object-Oriented Programming (OOP), Version Control with Git, Responsive Web Design

Cloud & Deployment:

Cloudflare Pages, GitHub CI/CD

Personal Skills

- Strong problem-solving and analytical abilities
- Excellent communication and teamwork skills
- Adaptable to new technologies and challenges
- Detail-oriented, with a focus on clean and efficient code

Languages

- English (Fluent)
- Zulu (Fluent)