

THANDIWE PORTIA MASUKU

SOFTWARE DEVELOPER

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GITHUB <https://github.com/thandiweportia>

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Dedicated Software Developer with a proven track record of analyzing user needs, designing robust software architecture, and delivering high-quality code. Skilled in C#, Java, Python, C++, and JavaScript, with expertise in frameworks such as THREE.js, Bootstrap, Flask, and React. Proficient in cloud technologies (AWS, Azure) and experienced in version control with Git. Strong problem-solving abilities and a commitment to writing efficient, scalable code.

LANGUAGES

- **JAVA**
- **PYTHON**
- **C#**
- **C++**
- **JavaScript**
- **SQL**
- **CSS**
- **HTML**
- **PHP**

FRAMEWORKS

- **THREE.js**
- **Bootstrap**
- **Flask**
- **.Net Framework**
- **Node.js**
- **React**
- **Eclipse Jersey**

TOOLS

- **AWS**
- **Git**
- **Visual Studio Code**
- **MySQL**
- **Apache**
- **Azure**

EXPERIENCE

DVT SOFTWARE COMPANY: Software Developer

April – September 2023

- Integrated Jira and Bitbucket for seamless team collaboration on the cloud.
- Utilized Git Bash and Git commands for version control in Bitbucket.
- Developed applications in Android Studio using Java.

ALX-T: Cloud Developer Trainee

July -November 2022

- Established a PostgreSQL database on AWS RDS to store application metadata.
- Configured an AWS S3 bucket for storing images displayed in the application.
- Implemented a backend API for interfacing with S3 and the database.
- Set up a build pipeline with AWS Code Build for Docker image deployment in AWS ECR.
- Created service and deployment configurations using Kubernetes for application deployment.

MagShel Consultancy: Junior Java Developer

May 2020 - June 2022

- Developed a registration form using Servlet, Jakarta Server Pages, JDBC, and MySQL.

- Integrated Servlet with MySQL Database in Eclipse.
- Enhanced a Database Management System using Java Eclipse.
- Implemented Spring Security Boot in an eCommerce application, integrating Java JWT for authentication.

Zenala Solutions: Junior Web Developer and Digital Marketer

April 2018 - April 2020

- Designed websites using HTML, CSS, and JavaScript.
- Updated websites based on seasonal sales trends.
- Conducted digital marketing campaigns on various social media platforms.
- Implemented an eCommerce website using ASP.Net

QUALIFICATION

University of South Africa

Bachelor of Science in Computing

2020 – Present

CERTIFICATES

Dynamic DNA

DP-900: Microsoft Certified

November 2022

AZ-900: Microsoft Certified

August 2022

NQF Level 4: System Development

January - December 2021

Solo Learn

HTML, CSS, JavaScript and PHP

January 2019 – April 2019

Tsebo-Ulwazi Secondary School

Matric

December 2013

REFERENCES

Available up on request