

RETHABILE
MOKWANE
SOFTWARE DEVELOPER

Profile

Motivated Software Developer with 2 years of experience in Java, Python, SQL, AWS, Docker, and REST services. Proficient in web development (HTML, CSS, Angular) and back-end frameworks (Spring Boot, Jakarta). Delivered projects like Handy Man in One Hand app and BMW data migration, improving system performance and data accuracy. Skilled in data analysis, database management (DB2, PostgreSQL), and testing automation. Passionate about solving complex problems, optimizing code for scalability and security, and contributing to impactful software projects.

Experience

- SOFTWARE DEVELOPER**
Digilink (Client: BMW), Johannesburg | April 2024 - Present

 - Optimized SQL queries for DB2 and PostgreSQL, ensuring accurate data migration.
 - Resolved dataset duplications, improving data quality and alignment.
 - Enhanced a data comparison tool to streamline database processes.
 - Used AWS tools (Glue, Athena, EC2) for seamless data integration and migration.
 - Deployed a Docker container for the data comparison tool, integrating with REST services on Payara.
 - Created scripts for Payara server and database connections, boosting system reliability.
 - Optimized code for improved security, scalability, and performance.
 - Used Airflow as a layer to automate and monitor the end-to-end migration process
- ICT TEACHER’S ASSISTANT**
Northridge Primary School, Pretoria | Feb 2023 - Dec 2023

 - Provided technical support for IT equipment, ensuring functionality for teachers and learners.
 - Assisted in implementing coding and robotics curricula and managed educational applications on devices.
 - Captured and maintained learner data on the SA-SAMS/CEMIS platform.
 - Maintained a register of ICT resources, including device details and support needs.
 - Distributed ICT resources and supported administrative tasks with organized filing systems.

Personal information

Name
Rethabile Mokwane

Birthdate
0202085586081

Gender
Male

Residence
7177 Blue Blossom Street,
Wierda
Crest, Rooihuiskraal North
Centurion, 0157

Nationality
South African

License
Code: C1

Email
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Contact Number
078 451 8941

Technical Skills

- Programming Languages**

Java, Java EE, Python, SQL, JavaScript, TypeScript

★★★★★
- Web Development**

HTML, CSS, Angular, Jira & Confluence, JavaScript, NodeJS

★★★★★
- Cloud & DevOps Tools**

AWS (Glue, Athena, EC2, RDS, S3), Docker, Git, Airflow

★★★★★
- Back-End Development**

REST Services, Spring Boot, Jakarta, Back-End Frameworks

★★★★★
- Data Management & Tools**

Data Comparison, DB2, PostgreSQL

★★★★★
- Testing & Automation**

Selenium
Cucumber

★★★★★

Education

BACHELOR OF INFORMATION TECHNOLOGY IN (SOFTWARE ENGINEERING)

Eduvos University , Pretoria | 2020 - 2022

MATRICULATED – BACHELOR'S DEGREE PASS

Clapham High School, Pretoria | 2015 - 2019

Projects

HANDY MAN IN ONE HAND – MOBILE APPLICATION

Eduvos University | 2022

- Developed a mobile app using Android Studio, HTML, CSS, bootstrap and Java, connecting users with local services.
- Integrated Firebase for real-time data management and enhanced user experience.
- Applied agile methodologies to improve team efficiency and meet deadlines,

MOBILE CARS SHOP – E-COMMERCE WEBSITE

Eduvos University | 2022

- Built an e-commerce site using HTML, CSS, and JavaScript for a car dealership project.
- Designed a responsive interface for seamless user experience across devices.
- Delivered the project ahead of schedule, exceeding client expectations.

CHURCH DATABASE SYSTEM

Personal Project | 2023

- Designed a database system using PHPMyAdmin to manage church records efficiently.
- Created an intuitive interface with HTML and CSS for easy data access.
- Optimized database performance and provided staff training for smooth adoption.

Languages

- ✓ English
- ✓ Setswana
- ✓ Afrikaans

Certificate

- ✓ Microsoft Certified: Data Analyst Associate with Power BI
- ✓ AWS Cloud Practitioner (In Progress)

Interests

- ♥ Soccer
- ♥ Travel and Adventure
- ♥ Art & Design

References

B Brummer, Principal
082 578 2585

Sabelo Nkosi, Java Software Developer
079 174 2180
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