

Sinawo Mngxuma

Data Engineer/Software Developer

PERSONAL PROFILE

- A Computer Science and Information Systems professional with considerable experience in facilitation, Software Development, and Data Modelling. Through these disciplines, I have gained valuable expertise in working with existing systems and developing innovative software solutions from the ground up, tailored to meet specific business requirements. I am well-versed in Agile Methodology and aspire to establish myself as a Senior BI/Software Developer and Data Scientist, where I can demonstrate my skills.

Email: sinawomngxuma@gmail.com

Contact: 0833529353

GitHub: github.com/Sinawo

EDUCATION

- **Honors in Information systems**
Rhodes University
02/2021 – incomplete- Grahamstown
Courses
Research Methodology, IT Business Consulting, User Experience, Information Security, Blockchain, and IS Management.
- **BSc Software Development**
Rhodes University
02/2016 - 11/2020 – Grahamstown

WORK EXPERIENCE

Data Processor/Analyst

Value co (Pty) Ltd

07/2023 – present, Booysens, Johannesburg

Role Description:

- Employ marketing analytics techniques to gather important data (social media, web analytics, rankings etc.)
- Perform data entry tasks and ensure data accuracy within the Kingdee ERP system.
- Adjust templates and fix data inconsistencies across our retail stores.
- Optimize existing procedures or create new procedures to improve data management.
- Update and maintain price lists as needed. Assist with troubleshooting and resolving data issues, such as barcodes not scanning, in retail stores.
- Utilize scripting or coding skills to increase the efficiency of data processing and error-fixing.
- Prepare and organize data for various reporting purposes in MS Excel & PowerBI
- Collaborate with team members to address and solve data-related challenges.

Graduate Trainee

Canva Intelligence

02/2023 – 07/2023, Rosebank, Johannesburg

Role Description:

- Contributing to Business Solutions projects and assisting in the creation of new software solutions.
- Collaborating with team members to analyse requirements, design, and implement solutions.
- Shadowed designers and engineers to learn ways to implement various aspects of the Business Intelligence methodologies.
- Building and automated ETL model using Azure YML Pipelines

Training specialist

Platinum Life

04/2022 - 11/2023, Sandton, Johannesburg

Role Description:

- In-house training of the employees with specific reference to the development of employees' SQL, Python, Microsoft Suite Skills, and Mathematics.
- Constructing a course outline, determining course goals, developing student learning objectives.
- Creating assessment strategies, establishing a course timetable, and facilitating these courses remotely or on-site.

TECHNICAL SKILLS

Tools:

Tableau, MS Power BI, MS Office Suite, Visual studio Code, Visual Studio, Anaconda, Git, VIM. Azure Portal, Azure DevOps, NetBeans

Database Management:

Microsoft SQL Server, PostgreSQL, MySQL, MS Access, ER/Studio. Hadoop

Programming Languages:

C#, F#, C, C++, Python, PHP, JavaScript, JAVA, HTML5, CSS.

Research and Planning:

Design Thinking, Threat Modelling, Object-Orientation Design, User Experience

SOFT SKILLS:

Communication, Teamwork, Self-management, Flexibility, Problem Solving

PERSONAL PROJECTS

Analysis of the Automobile Website

(03/2023 – 06/2023)

- The project its step starts from gathering the data from the website using python script, the data the is stored in MS datastore. The data is to be cleaned and built a model to con- very meaningful business insights using MS Power BI, and other visualisation tools. The process is all automated in the pipeline.

Rasa NLU Chatbot

(11/2023 – present)

- Rasa NLU Chatbot is a conversational AI system developed using the Rasa framework. It serves as a virtual assistant for users seeking information and assistance related to my Job Portal website. The chatbot provides quick access to frequently asked questions (FAQs) and facilitates navigation through various services offered by the website.

REFERENCES

- Contact: Robbie Mai, Data Manager at ValueCo Pty Ltd: 0814910343
- Contact: Clare Kampel, Senior Manager at Platinum Life – 0787627437
- Contact: Reinhardt Scheun, Executive Data Analytics rs@canvasintelligence.com