

Rudolph Matongo

Data Scientist and ETL Engineer

EXPERIENCE

Data engineer

Athstat ↗

08/2021 - Present

- Developed a high-performance data pipeline that improved the processing time of sports data by 20%
- Implemented a data visualization platform using Amazon Opensearch that enabled sports teams to gain real-time insights into their athletes' performance
- Automated data ingestion processes using Pyspark resulting in a 50% reduction in manual data entry
- Designed and developed a solution for collecting metrics, logs and traces Opentelemetry, Jaeger and Opensearch that increased application performance visibility by 50%
- Created scripts for automating docker container provisioning to increase productivity by 10%

Web developer

Self-employed

07/2018 - 11/2021

- Front-end development: HTML, CSS, JavaScript
- Back-end development: PHP, Node.js
- Content management systems: WordPress, etc.
- E-commerce development: WooCommerce

Technician

HGI

12/2015 - 06/2018

- Provided technical support to cybersecurity clients, resolving critical security issues and preventing data breaches
- Installed and configured firewalls and network security systems, ensuring the protection of client networks from cyberattacks
- Conducted cybersecurity training sessions for clients, raising awareness of cybersecurity threats and best practices

Graduate Trainee

Air Zimbabwe ↗

11/2008 - 08/2015

Provided IT support for networking, MS Office, MS Exchange Server, MS Windows, and Linux systems

Engaged in web development projects

Offered SAP support

Performed Linux scripting tasks

Gained experience with MS Visual Studio .Net development and MS SQL Server

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SUMMARY

Data engineer with a passion for leveraging software engineering expertise and solid networking skills to build innovative data solutions. Skilled in Python programming, computational thinking, and cloud technologies like AWS, GCP, and Opensearch. Proficient in utilizing Docker and maintaining a Proxmox node for continuous learning and technology exploration. Enthusiastic about exploring the intersection of sports and big data analytics to enhance athletic performance.

SKILLS

Apache Kafka

Extract, Transform, Load (ETL)

Programming

EDUCATION

Computer Science

University of Zimbabwe

2007

Bachelor of Science - BSc

CERTIFICATES

Observability in Cloud Native apps using ↗
OpenTelemetry