



Harambee Youth Employment Accelerator is a not-for-profit social enterprise building African solutions for the global challenge of youth unemployment. We work in South Africa and Rwanda with many partners who are committed to results that can work at scale – including government, the private sector, civil society, and almost 3.4 million youth.

Harambee is an anchor partner in a breakthrough platform called SA Youth. It is part of the Presidential Youth Employment Intervention – a coordinated strategic national plan, announced by President Ramaphosa in his 2020 SONA, that sets out priority actions to address the youth unemployment challenge in South Africa by creating opportunities for young people at scale.

SA Youth brings together many partners to create a single national network to allow young people to access a wide selection of earning and learning opportunities, and for opportunity holders to access young engaged work-seekers – for free!

Our staff complement of over 400 motivated people continues to work both on-site and remotely in a fluid and vibrant environment to tackle the challenges of a country where over 50% of young people are unemployed.

Winner of the 2019 Skoll Award and 2019 Conscious Companies Award.

#changeistheonlyconstant



JOB OPPORTUNITY SPECIFICATIONS

POSITION

Data Tester / QA Engineer

REPORTS TO

Software Testing Lead

LOCATION

Gauteng

About the role

The Harambee Product Development team is looking for an exceptional Data Tester/QA Engineer to join their dynamic team based in Johannesburg. Do you have experience as a **Data tester** with knowledge in **front end, integration and data testing**? Are you proactive with a willingness to learn? Now imagine doing that in an organization that changes lives and has a culture of teamwork, openness and collaboration. If this prospect excites you, then you may be the person we are looking for.

ROLE RESPONSIBILITIES

This role is about ensuring the quality and integrity of our data through testing frameworks. You'll need to:

- Review system requirements in order to clearly understand what needs to be tested from a functionality, performance and security perspective
- Create and maintain a testing framework and methodology under the leadership of the Testing Architect in order to create a test environment for current and upcoming requirements
- Manage the implementation of these with the rest of the testing team to ensure consistent quality in what gets deployed
- Develop and execute tests using proper test case design patterns
- Maintain test case inventories
- Create required data for test cases in collaboration with the Data Engineering team
- Evaluate various testing tools when required and develop a proof of concept before making a recommendation
- Have the willingness to learn the software architecture within the Harambee Pathwaying Platform
- Clearly and accurately communicate testing outcomes to stakeholders and project members
- Report defects or issues found during the execution of tests to business analysts, developers or other relevant team members to verify
- Anything else as required to ensure and maintain the quality of the Harambee Pathwaying Platform

ROLE REQUIREMENTS

Experience

- Computer Science (or related) degree or diploma
- Minimum 3 – 4 years' experience as a **data tester**
- Qualification in Computer Science, Software Engineering, IT or related courses
- Knowledge in **front end, integration and data testing**
- Process mapping
- Strong SQL knowledge and the ability to write test scripts in Google BQ and MySQL
- An understand or prior experience with testing ETLs would be beneficial
- PowerBI - reports understanding
- Data analytic skill
- Test case generation
- Test reporting
- Test planning and preparation
- Functional testing and regression testing
- Bug reporting and documentation.
- Experience with the following tools:
- Jira
- Test rail
- Willingness to learn
- Importantly, you must fit with the Harambee culture, be passionate about our mission and be an individual who leaves things better than you found them

Closing date for applications is 16 February 2024

By applying for this vacancy, you give consent to your CV to be reviewed for other roles and allow your cv to be shared with the relevant persons at Harambee



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