

Role Specification and Task List for a Flexible Resources Assignment at the BMW IT Hub of BMW Group South Africa.

Role Title: Test Automation Engineer



FIND OUT MORE ABOUT THE HUB:

The BMW IT Hub South Africa provides IT Solutions to the global BMW Group. We focus on innovation topics as well as comprehensive IT solutions such as Development and Operations for SAP, JAVA, Azure, Cloud etc.

The unique positioning as an internal partner to the BMW Group ensures collaborative partnerships internally, a deep insight into the compliance and IT Methodology processes within BMW and the ability to offer our internal BMW clients an extended warranty due to our vested interest in the success and sustainability of the BMW Group.

The track record of the Hub, speaks for itself, having successfully implemented several key IT Solutions globally for the BMW Group. Find out more [here](#).

MORE INFORMATION ABOUT THE ROLE:

Nationality	South African citizens / residents are preferred. Applicants with valid work permits will also be considered.
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ESSENTIAL SKILLS REQUIREMENTS:

- Automation Frameworks: Selenium, Cucumber or Robot
- Languages: Java, JavaScript
- CI/CD: Version Control, Build and Deployment Pipelines, Unit Testing
- Databases: SQL Language
- Infrastructure: Familiar with Cloud AWS or AZURE
- Skills: Automation of Frontend, Backend, and Integration testing. Test data management. Performance, security, and load testing

WHICH QUALIFICATIONS/EXPERIENCE DO WE NEED FOR THE ROLE?

- Relevant IT Degree
- 3 years plus in a Senior role, more than 6 year's total experience

WHAT WILL BE YOUR ROLE AND RESPONSIBILITIES?

- Collaborate with team, system analysis, design, development and testing for their assigned technical products or applications within the context of an agile/DevOps delivery model.
- Automation of Frontend, Backend and Integration, performance and load testing using industry standard tools, fit for purpose.
- Integrate automation testing at various stages of the build and deploy pipeline for development, regression & release cycles. Working with the feature teams to build up disposable test environments.
- Overall management and maintenance and preparation of test data.
- Interpretation of Testing Results and logging of Defects on JIRA.
- Coordination between development and support environments.
- Track new/changed requirements and ensure these are addressed during automated testing.
- Independently analyse, design as well as develop medium, complex testing components required for Automation.
- Perform continuous quality analysis and provide internal tools to help ensure that quality of the products we ship to customers are of the highest standard.
- Establish, implement, and evolve the formal QA processes to ensure that the group is using industry accepted standard methodologies.
- Design and develop the testing infrastructure i.e., testing tools, test frameworks, test reporting mechanisms to test software and services, applying NoOps principles.
- Integrate the testing infrastructure with the continuous integration and continuous deployment systems to ensure all the tools, services developed are accurately tested and meet the quality goals.
- Stay knowledgeable of new testing tools and strategies and evaluate the technologies to incorporate into the projects.

WHAT DO WE OFFER YOU?

- Great team spirit in an international team and customers all over the world
- Cutting edge global IT system landscape and processes
- Flexible working of 1960 hours in a 12-month period
- Remote / On-site work location flexibility
- Highly motivating, energetic, and fast-paced working environment
- Modern, state-of-the-art offices
- Dynamic Global Team collaboration and
- Application of the Agile Working Model Methodology