Glenn Wilkie-Sullivan

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SUMMARY

ISTQB and PRINCE2 trained Senior Automation Engineer & QA Leader with 5+ years' experience designing automation frameworks, scaling test coverage, and leading QA strategy across large-scale data platforms. Proven record of improving test coverage by 75%, mentoring engineers, and presenting quality metrics at leadership level. Trained Scrum Master, skilled in both hands-on automation and QA team leadership.

EXPERIENCE

Senior Automation/QE
N-able   **April 2023 - Present, Edinburgh**

- Performed manual testing, triage and automated testing for an AWS cloud-based data platform used for streamlining day-to-day operations and cyber attack prevention.
- Led the QA facet for the Data Services team within the company, onboarding and training new hires into the QA and automation side of the product. Presented testing developments and metrics captured using JMeter to teams and varying levels of management across the company.
- Developed a data ingestion web application for Snowflake using Python and Flask, enabling data engineers to load datasets of varying volume and randomness without writing SQL.
- Built and launched a Playwright web application testing framework into a Kubernetes container environment, validating the functionality of in-house software and PowerBI dashboards.
- Built and launched a large flagship test regression suite using pytest for end-to-end validation: ingesting data, transformation using the Coalesce API and verifying results in Snowflake, including a Flask web application to trigger the tests on demand, docked on a Kubernetes cluster. This raised the test coverage KPIs for the team from 13% to 88% within the first year.
- Validated the data integrity of Snowflake dependent PowerBI dashboards used by thousands of clients through a combination of manual testing and automated regression suites.

Software Developer/Automation Engineer
Capita Consulting   **January 2020 - April 2023, Edinburgh**

- Developed high-level social media analytics software microservices using languages such as C#, Python, SQL, Javascript and React.
- Created and managed a large automation testing codebase using Robot Framework, Selenium and Cypress, comprising of over 5,000 BDD/TDD tests of the UI/API/System/End-to-End.
- Trained as a Scrum Master to lead and optimise sprint lifecycles over a year within cross-functional teams, enhancing collaboration and project delivery using Agile methodologies.
- Integrated automated deployment and integration processes with Octopus and TeamCity, ensuring consistent and reliable automation releases.
- Upheld a substantial version control system cleanly and effectively, utilising Bitbucket and Sourcetree to keep track of multiple development branches.
- Inducted and trained multiple new starters to the team, conducted numerous interview panels for potential candidates.

EDUCATION

Games Development (2:1)
Edinburgh Napier University · Edinburgh · 2019

SKILLS

Languages: Python, SQL, C#

Source Control: Git, Bitbucket, GitHub, Sourcetree

Messaging and API Testing: MSMQ, RabbitMQ, Postman, Swagger

Integration/Deployment: Jenkins, TeamCity, Octopus, Kubernetes

Databases: SSMS, Snowflake

Automation/Tools: Playwright, Selenium, Robot Framework, Cypress, pytest, Flask, AWS, Coalesce, JMeter