ERIK SHELLEY

PERFORMANCE TEST ENGINEER

SUMMARY

Performance Test Engineer with 20+ years of experience evaluating the performance of complex systems in a variety of industries including automotive, entertainment, financial, healthcare, retail and utilities. Skilled in designing and executing automated load tests, analyzing results, and identifying potential issues and bottlenecks that could impact business results. Capable of leading globally distributed teams.

PROFESSIONAL EXPERIENCE

International Business Machines (IBM)   1996–Present

Performance Test Engineer

- Led a team testing the performance of 30 applications for Anthem / ElevanceHealth. Certified monthly releases and ensured readiness for the annual open enrollment peak season.
- Helped Xcel Energy isolate and resolve performance issues that had brought down their outage reporting system.
- Created a Java plugin to extend the capabilities of Rational Performance Tester allowing it to decode Brotli compression.
- Utilized Python, JMeter, LoadRunner and shell scripts to generate large volumes of realistic XML FDA drug reports and test the performance of IBM Watson for Patient Safety.
- Developed Selenium scripts to measure end-user response times in the browser which allowed a Javascript performance issue to be identified and resolved for St. Jude Medical.
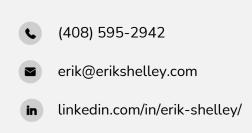
Test Automation Engineer

- Extended the test automation frameworks for Safeway and for Morgan Stanley to increase testing coverage and reduce test execution time.
- Taught a one-week, in-person course on Selenium and test automation to approximately 30 coworkers to improve the company's ability to staff test automation roles.

Test Project Manager

- Managed teams as large as 40 testers distributed across multiple countries. Created powerful Excel spreadsheets to track and visualize key metrics and report progress to upper management.

Test Specialist

- Conducted manual, functional testing for a USPS point of sale system and led functional test teams on four projects.

Contact

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EDUCATION

University of California, Davis, CA
Bachelor of Science, Computer Science and Psychology
1991 – 1996

RELEVANT SKILLS

LoadRunner
★★★★★

Rational Performance Tester
★★★★☆

JMeter
★★★☆☆

Selenium WebDriver
★★★★☆

Python
★★★★☆

Java
★★★☆☆

Microsoft Office
★★★★★