

# ERIK SHELLEY

## TEST AUTOMATION ENGINEER

### SUMMARY

Test Automation Engineer with 20+ years of experience automating functional and performance tests for systems in a variety of industries including automotive, entertainment, financial, healthcare, retail and utilities. Skilled in designing, creating and executing automated tests and maintaining automated test frameworks Capable of leading globally distributed teams.

### PROFESSIONAL EXPERIENCE

#### International Business Machines (IBM)

1996–Present

##### Test Automation Engineer

- Extended the Python-based 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.
- Developed Java-based Selenium scripts to measure in-browser response times which allowed a Javascript performance issue to be identified and resolved for St. Jude Medical.

##### 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.

##### 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.



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### EDUCATION

#### University of California, Davis, CA

Bachelor of Science, Computer  
Science and Psychology  
1991 – 1996

### RELEVANT SKILLS

Selenium WebDriver



Python



Java



TestNG



LoadRunner



JMeter



Microsoft Office



SQL

