

SKILLS & QUALIFICATIONS

Test Automation
(Selenium)

Integration Tests

Software Testing

Technology Processes

Web Languages
(JavaScript, jQuery, HTML/CSS)

Open Source Adoption

Site Reliability Monitoring

Python Scripting

Comparative Analysis

Web Development

Database Management
(MySQL)

Data Centers Expertise

Cloud-Based Configurations

Product Quality

Environmental Stress

x86 Servers

Market Simulation

Subsystem Verification

Problem-Solving

Django Framework

Linux System Administration

Server Virtualization

Software Versioning (Git)

Team Leader

PROFESSIONAL PROFILE

Test engineer with over 10 years of experience ensuring that software and hardware products exceed quality standards and customer expectations. Balances vast experience in testing processes with comprehensive product knowledge to recommend accurate technical evaluations. Leads teams through demanding projects and timelines while maintaining composure in fast-paced environments.

WORK EXPERIENCE

Lenovo, RTP, NC

System Integration Test Architect, 10/2014 to Present

As a change agent, drive testing strategy and positive customer experiences for a wide range of data center server and management products.

- Lead the system integration team through the delivery of high-quality test plans and cases; serve as technical advisor on test automation tools
- Identify and implement new initiatives for improving product user experience through keen awareness of customer behaviors and trends, technology forecasts, and industry standards
- Champion new comparative analysis process for measuring server activities, identifying trends, and comparing server generations to better position products against competitors

IBM, RTP, NC

Test Engineer Team Lead – Systems Advanced Manager Test, 05/2012 to 10/2014

Devised a new team to fill an organizational gap; responsible for creating and maintaining large-scale server management simulations with a unified customer communication approach.

- Implemented additional test beds and scenarios that more accurately represent customers' environments, including cloud services
- Supported several national and international customers for various product installations and troubleshooting efforts for the PureFlex product

Test Engineer Team Lead, Design Stability and Stress Analysis, 11/2010 to 05/2012

Oversaw the delivery of high-quality hardware test plans and cases for a team of test engineers.

- Tracked and managed expense and capital for the acquisition of new equipment and tools; interviewed, hired, and trained new staff
- Partnered with stakeholders and engineering teams in the review of project schedules, test plans, and test cases

Test Engineer, 01/2007 to 11/2010

Led a small team of execution engineers with testing System x servers and software.

- Used various testing methods to validate product stability and scalability in close collaboration with engineering and development technical leads
- Created test plans, executed test cases, and identified defects to ensure product functions adhered to high levels of quality before delivery

EDUCATION

North Carolina State University, Raleigh, NC

Bachelor of Science in Electrical Engineering, 2006