

Axxx Txxxxx

phone number | email address

### System Testing & Automation / Quality Engineer

Leverages a background in quality engineering, system/performance testing, and automation to design, develop, and implement highly scalable platforms for performance and backend test systems. Directs software groups and provides problem solving expertise, management skills, and leadership in startup and established settings. Effectively manages a broad range of technologies, including Cloud, WebServices, semi-conductor, gaming, ISP, and medical device products.

*Expertise: Test Automation Framework – Software Engineering – [Agile Methodologies](#) – Hadoop – Selenium  
Java – REST – C – SQL – Python – Git – Solaris – Distributed Systems – Scalability – UNIX – Oracle – Apache  
Perl – Web Services – Automation – Testing – Object Oriented Design – Quality Testing/Assurance*

### Select Career Highlights

- **Developed and launched a fully automated, end-to-end, continuous deployment pipeline for Hadoop and Hadoop components**

to achieve continuous delivery; provided custom API lib for full automation.

- **Established and led a backend testing team for Company Name's Small Business Unit** ; owned accountability for designing, developing, and deploying the test framework for backend testing.
- **Managed 5 silicon verification engineers and 10 outsourced software engineers on Company Name's software projects,** including overseeing work flow schedules for the software test group.

### Professional Overview

Company Name – City, State (2013 – 2016)

#### **Senior Member of Technical Staff in Performance – vCloud**

- Served as Software Architect for performance, uptime, and scale testing of large VMware's vCloud distributed systems; built and led vCloud Performance organization composed primarily of software developers.
- Defined and maintained benchmarks/workloads to characterize performance of system/cloud environment.
- Collected and analyzed performance and scalability data to identify and correct bottlenecks.

Company Name – City, State (2007 – 2013)

#### **Principal Engineer, Yahoo Hadoop/Cloud Group**

- Built and implemented fully automated framework for Hadoop stack deployment out of core Hadoop and various components of the Hadoop ecosystem and integration testing for stack certification.

- Provided CLI for Hadoop stack integration testing for continuous integration and rapid development.
- Implemented template driven test framework for Hadoop components such as pig, hive, and map reduce hdfs.
- Extended capabilities to backend, API, stress, and performance testing as well as internal logic and code structure testing; also provided a complementary function to unit and quality assurance testing.

Company Name – City, State (2003 – 2007)

### Technical QE Lead

- Developed test requirements, test plans, automated test systems for backend systems mail, provisioning, and RADIUS servers utilizing Java, perl, SQL on Windows, and SunSparc systems.
- Created test plan for VOIP system with a focus on backend components such as softswitch.
- Implemented test tool such as Hammer by Empirix to automate testing.

### Education

**MS, Mathematics & Computer Science**

– University Name | **BS, Mathematics & Physics**

– University Name