**Eric Sickert**

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5. [https://esickert.github.io](#_top)
6. **Summary**:

* A competent engineer with broad exposure to various procedures and methodologies. Interested in system testing (both manual and automated), system analysis, and learning new technologies.
* **Performed manual and automated testing** ofapplication. Monitored HTML,CSS, and JavaScript via the development console in dev tools in various web browsers during testing
* Modified backend server options via **REST api using cli cURL commands.** Wrote simple shell scripts of often used cURL commands to simplify testing process.
* **Authored test plans** and updated as necessary with test cases of newly added features. Reviewed and prioritized test cases according to severity. Worked with development to resolve high priority test cases quickly.
* **Built scaling and performance test bed** consisting of WiFi controllers, access points, Windows servers and Redhat Linux Enterprise servers running controller and access point simulators to test network management system...
* **Developed scripts to automate test cases** for network management system. These scripts simulated user activity onthe **application** to place load on server and database.
* **Tested and logged defects** for various aspects of Java application VPN Clustered Gateway product, v3.0, v3.1, and v4.0, for Windows and Solaris platforms. Manual and automated testing.
* Experience working in Agile and Waterfall test environments

**Technical Skills:**

**Systems:** Windows Workstations and Servers, UNIX- Solaris, HP-UX, AIX, and various Linux distributions (Slackware, Redhat, and Debian/Ubuntu), Apple OS 10 Sierra and High Sierra.

**Languages:** Pascal, Core Java, Selenium WebDriver Fundamentals (Java)**,** MDL (Model Development Language) and Basic (Wintask tool scripting language).

**Protocols:** TCP/IP, UDP, DHCP, NAT, DNS, HTTP and SNMP.

**Programs:** Oracle JDK (Windows, Apple OS 10, and Linux), IBM JDK, Firefox, MS Internet Explorer, Google Chrome, Geary IDE, Eclipse, IntelliJ.

**Manage:** Git/GitHub, CVS.

**Trackers:** Remedy Quality Management, Bugzilla, Jira.

**Tools:** Maven. cURL**.**

**Education**:

**(2) Bachelors of Arts Degrees**, **Computer and Information Science**, and Studio Art

University of California, Santa Cruz

**Professional Experience**

**Paxata, Inc.** - Redwood City, Ca June 2015 - December 2017

Paxata is a Big Data company developing a web data preparation tool.

Software Test Engineer

* Methodically performed manual black box testing to a magnitude of hundreds of test cases on Paxata'sdata preparation web **application tool**. Testing was performed on Windows and Apple Mac OS 10.
* Performed functional, validation, usability, integration, acceptance, system, and negative testing of the web application in various supported browsers.
* Wrote simple SQL queries to import data into the application.
* Confirmed metadata stored in MongoDB was correct
* Perform daily pulls from various GitHub branches for testing. Compiled and installed the **application** for testing locally.
* Perform exploratory **manual testing (ad hoc)** of assigned features using **web application** running in AWS cloud**.** Logged discovered issues and maintained bug history in Jira.
* Maintained existing **Selenium (Java)** scripts in conjunction with simplifying and consolidating to keep tests runs as short as possible with the least amount of false failures. Added new selenium junit tests if needed.
* Modified backend server options via **REST api using cli cURL commands.** Wrote simple shell scripts of often used cURL commands to simplify testing process
* Summarized and reported manual pass results and test coverage statistics in Jira.

Independent Consultant - Mountain View, CA Jan 2010 - May 2015

* Provided IT consultation and support services to private individuals and small businesses. This included workstation, and laptop setups. Provided training and assistance on systems. Advised on network configurations.
* Built and maintained Wi-Fi and wired Ethernet networks. Configured various security protocols including WEP, WPA and WPA 2. Setup network address translation (NAT) and internal DHCP server for wired and wireless clients. Configured firewall security for specific ports, ip addresses and protocols.
* Built computer systems from scratch to specific customer specifications. This would include setting motherboard jumpers, configuring BIOS, installing HDDs, setting up video cards with vram, installing NIC cards and installing operating system. Update Windows to latest service packs, drivers and patches.Defrag HDD if necessary. Offered continued maintenance and repair**.**

**Meru Networks, Inc**. - Sunnyvale CA Nov 2006 - Mar 2009

802.11 WiFi Network Company

QA Test Engineer

* Responsible for testing components and features of Meru’s network management application EzRF. This nms application was developed to administer and monitor Meru’s product line of 802.11 controllers and access points.
* Authored test plans and updated as necessary with test cases of newly added features.
* Maintained cooperative relationship with tech support and sales which helped to increase customer satisfaction.
* Improved the documentation of QA testing practices to enhance their repeatability, saving time and money and encouraging testing standardization and best practices.
* Worked with the QA team, India, to reduce test case redundancy and increase overall test plan coverage.
* Built Windows server, controller, and access points testbed to run performance and scaling automation test scripts against Meru’s 802.11 nms Java application. The testbed was also available to engineers in India.

**Cisco Systems Inc**. San Jose CA Apr 2005 - Oct 2006

SQA Development Test Engineer

* **Built scaling and performance test setup consisting of controllers, access points, Windows servers, and Redhat Linux Enterprise servers**.
* This testbed was used to run SilkTest scaling and performance automation scripts against Cisco’s 802.11 Java network management system WCS (Wireless Control System).
* **Automated testing** using SilkTest. Performed manual black box testing when necessary to confirm test results.
* Setup and ran simulators of controllers and access points to increase SNMP traffic and load.
* Ran SilkTest scripts to simulate user interactions on network management systems.
* Received positive customer feedback confirming performance and stability of Java application 802.11 WCS (Wireless Control System) substantially improved.
* Wrote SilkTest scripts to automate the more repetitive test cases. This allowed dev-test engineers to focus on the more interesting aspects of testing thus increasing the reliability of the QA process and stability of the product.

**Airespace, Inc**. San Jose CA Nov. 2002 - April 2005

802.11 WiFi Network Company

QA Test Engineer

* The **initial development test engineer for Airespace’s Wi-Fi Java/Web** network management system web application ACS (Airespace Control System).
* This product was designed to manage an 802.11 wireless network. Participated in the early design stages concerned with product functionality, stability and ease of use. Performed **manual** **black box and automated testing**.
* **Authored all original test plans for network management system** including OEM branding, installation and upgrade, configuration, monitoring and troubleshooting, scaling and performance, and manual and automation testing. Wrote scripts to automate the more repetitive test cases. This allowed test engineers to focus on the more interesting aspects of testing thus increasing the reliability of the QA process and stability of the product.
* Worked directly with development to replicate issues found in the field. Would assist programmer in determining solutions or possible workarounds thus increasing customer’s confidence in the reliability of the product.

**Nokia Inc**., Santa Cruz, CA Aug. 2000 - Nov. 2002

QA Engineer

* Tested and logged defects for various aspects of Nokia’s Java GUI application VPN Clustered Gateway product. v3.0, v3.1, and v4.0, for Windows and Solaris platforms. Performed extensive analysis including build verification, performance, security, stress, and negative testing. Confirmed bug fixes through regression analysis.
* Defined product’s testing parameters by writing and editing test plans and procedures. Established guidelines by which other team members could augment existing test plans. Assisted technical writers by reviewing and editing end-user manuals. Confirmed product’s documentation and functionality for both Windows and Solaris of Gold Master release.
* Accelerated testing by setting up and configuring PC’s and Sun Ultra Spark Workstations in a lab environment to analyze various network (Ethernet) test scenarios. Documented those scenarios within the respective test plans and posted those plans to the corporate intranet web site for bug replication analysis and resolution.