**Eric C. Sickert**

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6. **Summary**:

* A competent engineer with broad exposure to various procedures and methodologies. Interested in system testing, test automation, system analysis, and computer design.
* Performed manual and automated testing of **web applications**. Monitored HTML, and JavaScript via the development console in dev tools in various web browsers during testing
* **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.
* **Developed scripts to automate test cases** for Cisco network management system. This allowed the 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.
* **Tested and logged defects** for various aspects of Nokia’s Java web application VPN Clustered Gateway product, v3.0, v3.1, and v4.0, for Windows and Solaris platforms. Manual and automated testing.

**Technical Skills:**

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

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

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

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

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

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

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

**Education**:

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

University of California, Santa Cruz

Continuing studies in QA Methodologies and the Java Programming Language

Foothill College, Los Altos Hills, California

**Professional Experience**

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

Software Test Engineer

* Methodically performed manual regression testing to a magnitude of hundreds of test cases on Paxata'sdata preparation **web application**. Maintained log in Jira of completed tests.
* Perform daily pulls from various GitHub branches for testing. Compiled and installed the **web application** for testing locally.
* Perform exploratory **manual testing (ad hoc)** of assigned features using **web application** running in cloud**.** Logged discovered issues and maintained bug history in Jira.
* Maintained existing **Selenium (Java)** tests in conjunction with simplifying and consolidating to keep tests runs as short as possible with the least amount of false failures. Added new tests as needed.
* Summarized and reported manual pass results and test coverage statistics in Jira.
* Maintained test plans 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.

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

QA Test Engineer

* Responsible for testing components and features of Meru’s network management system EzRF. This Java based nms web application was developed to administer and monitor Meru’s product line of 802.11 controllers and access points.
* Test coverage included individual controller’s web interface. Also **performed manual and automated testing.**
* Authored test plans and updated as necessary with test cases of newly added features.
* Partnered with customers to identify and resolve issues and software defects discovered in the field.
* 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 web 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 web based 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 web 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

QA Test Engineer

* The **initial development test engineer for Airespace’s Wi-Fi Java/Web** network management system 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.
* Wrote final nms product release notes of currently known issues and fixes for earlier bugs.
* 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 web application VPN Clustered Gateway product. v3.0, v3.1, and v4.0, for Windows and Solaris platforms. Black box and automated testing.
* 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 Sparc 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.

**IBM Corp**., San Jose, CA May 1999 - Aug 2000

SQA Engineer

* Implemented QA black box testing of IBM-Tivoli’s Web Security Solutions servers, Intraverse v3.0, for both Windows and UNIX platforms (AIX, HP-UX, Solaris, and Linux). These servers were part of IBM-Tivoli’s e-commerce security product line.
* Implemented **build verification, functionality, security and negative** testing of server security product Intraverse on Solaris, AIX, HP-UX, Linux and Windows Servers. Logged bugs and confirmed resolution with regression testing.