**Archana Gottipaty**

**E-mail:** [archana.gottipaty@gmail.com](mailto:gottipaty.archana@gmail.com)

**Sunnyvale,CA**

**Phone: 408-489-0659 (cell)**

**STATUS:** U.S. Citizen

**TECHNICAL Operating Systems**: Windows, UNIX/LINUX, Apple OS X,

**SKILL SET:** Chrome OS, Android mobile testing, iOS mobile testing.

**Languages:** C, C++, bash shell scripting, Python scripting, Javascript, SQL(Oracle), MySQL, HTML5.

**Protocols:** TCP/IP, IEEE 802.11N, GSM/CDMA.

**Bug Tracking:** Jira, Bugzilla.

**Technologies:** Restful web services testing using POSTMAN, SOAP, CSS.

**WORK EXPERIENCE**

***Android Test Engineer, Facebook via HCL, Menlo Park, CA***

***(08/2018-Present)***

* Executing certification tests for Android. Using ADB and Fastboot CLI commands to control an Android based device.
* Testing Alexa voice commands.
* Inputing defects in a bug database and resolving issues.
* Creating test cases and test plans.

***Labview Test Engineer****,* ***Environmental Pollution Technologies, West Hempstead, NY (2014-05/2018)***

* Worked on developing LabView based software for an extremely sensitive and selective sensor for monitoring nitrogen dioxide in the environment and industrial application based on diode lasers and Cavity Enhanced Absorption Spectroscopy (CEAS).
* Developed Analog I/O configuration, communication protocols, RS 232, RS 485, Ethernet, USB remote access, Hessen.com port configuration, remote data acquisition protocols and remote EPA protocol calibration procedures.

***Systems Test Engineer, Underwriters Lab, Fremont,CA (Contracting via eContek)***

***(10/2013-02/2014)***

* Installed, Configured and debugged Sigma 8.0 11N test bed for Wi-Fi CERTIFIED 802.11n System Interoperability Test Plan
* Executed and troubleshooted 11n test cases from Sigma 8.0 11N Wi-Fi CERTIFIED 802.11n System Interoperability Test Plan
* Executed and debugged 11N test cases from Sigma 8.0 11N WI-FI CERTIFIED 802.11N System Interoperability Test Plan.
* Installed Linux OS (Debian, Ubuntu), configured access points and set up a lab network (WIFI and ethernet network).
* Analyzed wireshark and omnipeek WIFI network capture.
* Debugged and isolated root cause of connectivity and test case failures.

***Quality Assurance Engineer, Apple Inc.(Contracting via Global Infotech Corporation), Cupertino, CA , (4/2013-5/2013)***

* Tested Wi-Fi (802.11 abgn) for Apple Laptops and Desktops.
* Conducted Wifi and security connectivity tests to various access points (Cisco, Apple Base Station).
* Entered bug reports in the bug database (RADAR).

***Quality Assurance Engineer, Google(Contracting thru Mahindra Satyam), Mountain View, CA***

***8/2012 – 1/2013)***

* Executed functional and performance tests for Audio/Video components of Chrome OS on various Chrome Devices.
* Tested Flash, HTML5, media player, youtube, (and other websites with video content).
* Filed bug reports.

***WLAN and Network Test Engineer, Intel Corp., Santa Clara, CA (5/2011 – 12/2011)***

* Executed Wi-Fi (802.11abgn) roaming, FTP roaming and rate vs. range tests.
* WPS certification (Wi-Fi Alliance) testing. Setting up test beds, configuring Access Points and conducting the tests for Android Smartphone.
* Wi-Fi Direct conformance testing for the Android Smartphone.
* Analyzing tcpdump files using Wireshark.
* Bug reporting and tracking for the Android Smartphone.

***Integration Test Engineer, Trilliant Networks Inc. (08/2010 – 11/2010), Redwood City, CA***

* Configured a lab network – Configured Ethernet interfaces to duplicate the customer's network topology.
* Wrote test cases and test plan for a new feature. (Loading new firmware on meters)
* Installed Red Hat Linux and different software components on VMware partitions.

***Software Quality Assurance Engineer, Birdstep Technology. (08/2008 – 10/2009), San Francisco, CA***

* Tested the WWAN (mobile broadband, GSM/CDMA), Wireless LAN (IEEE 802.11, Wi-Fi), Ethernet, VPN and Dial-up connectivity of the connection manager software on different models of Hewlett Packard (Toshiba and Acer) machines running Windows XP, Vista or Win 7. Also tested different models of WLAN and WWAN (Qualcomm 2G/3G devices) embedded devices.
* I worked with following technologies while testing WLAN: 802.11-a/b/g/n, WPA/WPA2, WEP.
* While testing WWAN, I wrote test cases for the SIM unlock and band switching features.
* I wrote complete test cases and test plans for new features.
* I executed test cases and filed bug reports in the online bug database called Mantis.

***Software Quality Assurance Engineer, Cloudshield Technologies. (07/2007-02/2008), Sunnyvale, CA***

* Tested different features of the CS-2000 Content Processing Platform, which invisibly analyzes packets down to the payload and routes packets accordingly.
* Configured Cisco, Juniper and Foundry routers. Set up pinging between two routers on Packet over Sonet interface using IOS commands. Set up J1/C2 values on routers to ensure the line protocol is up.
* Executed port manager test cases for the gigabyte Ethernet DPPM510 (Deep Packet Processing Module) and DPPM500 cards. Conducted functional level tests based on existing test plans and passed different sizes and types of traffic using IXIA.
* Developed test plans and test cases for IBM Blade Center project testing of the AMM user interface.
* Developed scripts in XML in order to automate Linux CLI command testing.
* Tested other features of the chassis: backup and restore, BCM (fiber and copper net optics bypass switches) to test the bypass feature of the CS-2000 with the gigabyte Ethernet cards.

***Software Quality Assurance Engineer, Apple Computers Inc. (02/2001 – 11/2003), Cupertino CA***

KEYCHAIN ACCESS

Keychain Access is a secure password storage tool, part of Mac OS X (Mac OS X is a UNIX based implementation). Mac users use this tool to store, retrieve and manage the passwords and this tool integrates with the security infrastructure of the Mac OS X.

* Wrote automated tests in C for a command line tool used for testing Security features.
* Performed manual QA testing for the extensive GUI of Keychain Access Application.
* Developed test plans and test cases.
* Was involved in bug finding/reporting and documentation in the software development cycle.
* Testing included black box, white box, unit, regression, integration and API testing.

SMARTCARD PLUGIN

* Performed manual testing (GUI) of the smart card plug-in functionality.
* Performed application level technical testing of the Mac Mail application for SmartCard functionality and SMIME.

**EDUCATION:** B.S. in Computer Science, Stony Brook University, Stony Brook, NY.

**REFERENCES:** Available upon request.