

Lalitha Shankar
408-802-1575

Professional Summary:

Strong understanding of cloud computing solutions across the enterprise stack.

Have 10+ years of QA, development and design/implementation of solutions for VPC Computing platform.

Highly skilled in translating requirements into actionable architecture, designs, and spearhead implementation.

Advanced levels of technical and troubleshoot knowledge combined with sound project management skills

Demonstrated ability to consistently deliver enhancements and solutions that drive customer satisfaction and loyalty. Skilled at communicating with all organizational levels and cross-functional teams to develop a shared responsibility and foster team spirit.

EDUCATION

California State University, East Bay
Masters in Computer Science

Foothill DeAnza College, Cupertino, CA
Advanced Java Programming, Unix Administration

Udemy, AWS Courses

SKILLS

Core AWS services

VMWare vSphere Clustering for HA, distributed resource scheduling and managing resources

REST API, JAVA ,J2EE , Python/Django platforms

SQL, no-SQL databases

Chef, Ansible, Jenkins

JIRA, Confluence

Linux, Windows

EXPERIENCE

DXC Technology (HPE Inc SpinOff)

2015

Jan-2019 Nov

Integration Lead, Virtual Private Cloud and Managed Cloud Products for R&D organization

Developed product road map for Mbot project. Co-wrote project proposal and developed project execution, architecture, infrastructure and capacity plans. Project approved 3/1/2016.

Lead development team in design/ implementation phase of MBOT solution using ansible automation.

Acquired in-depth knowledge of all integration ends points and external dependencies and became a go-to-person on MBOT application/infrastructure/validation.

Product Integration Lead, Virtual Private Cloud and Managed Cloud Products for R&D organization

Developed product feature requirements, use case scenarios for DXC CPC (Cloud Platform Services)

Specialist in the management, development and implementation of system enhancements for onboarding, billing, reporting services and new applications on PaaS.

Designed Billing/Reporting service API1.0 and coordinated implementation with development team.

Based on Offering Manager requests, created FTR requirements documentation, designed billing event Jsons, billing rules, billing product codes and enabled consumption based pay-as-you-go model for DXC VPC billing.

Conducted technical review of feature specifications with E4S ,VPC offering , development and QA teams.

Based on the approved requirements, created development JIRA tickets with implementation details and handed over implementation to development team.

Participated in code-walkthrough, test plan review and pre-prod demo sessions with Dev/QA teams to confirm feature implementation completion.

Post release, executed acceptance tests from use case scenarios documented and approved milestone releases.

Work closely with offering management to ensure process, tooling, operations and cost competitiveness of offerings and ensure changes/enhancements are prioritized to business value.

HPE Inc, Sunnyvale, CA

2015 -2017

Integration Lead, Virtual Private Cloud and Managed Cloud Products for R&D organization

Developed product road map for Mbot project. Co-wrote project proposal and developed project execution, architecture, infrastructure and capacity plans. Project approved 3/1/2016.

Lead development team in design/ implementation phase of MBOT solution using ansible automation.

Acquired in-depth knowledge of all integration ends points and external dependencies and became a go-to-person on MBOT application/infrastructure/validation.

Worked efficiently with cross-teams like China dev team, MIE, LABR&D, Catalog/EntitlementTeam, ToolChain team, Networking Team, Chef team, Project Management, Release Management Team and QA team.

Brought in broad knowledge base of VPC2.0 Propel, Provisioning, Catalog, Irim , Billing service implementation and efficiently applied it in Mbot Design/implementation solution.

Played a key role in getting mbot infrastructure deployed and functioning in all Lab, Production Environments.

Took full ownership and set up Mbot client compartments in N1, N enabled Mbot Application readiness in integration environments and facilitated QA Testing.

Co-ordinated Mbot micro releases with Project team and Release team, prepared OCRs, represented OCRs in OCR meeting and produced release notes for Mbot releases.

Fully educated and hand-held QA team with respect to Mbot functionality briefing, test cases writing, test case organization and execution process in test, pre-production, production environments.

Tirelessly supported QA team with their data requests for target servers, access, password requests.

Always kept Mbot 1.0 GA release goal in mind and worked with a positive culture of empowerment and productivity throughout.

Apple Inc, Contract, Cupertino CA

Integration Test Lead Apple Sales And Marketing Team

2014 –2015

Responsible for managing 6 member QA team to deliver on Apple Mobile Learning Platform

Apps on multiple OS and platforms.

Designed and developing Appium/TestNG/Selenium based automation framework for enabling

Automation testing of SEED app on multiple OS platforms.

Created Test plan, test cases, reviewed with Dev/Business teams and executing test phase.

Responsible for UAT (Business Testing Environment) environment. Managing server instances, availability, software deployment and business notification process.

Responsible for creating integration test cases and work with multiple dependent app owners to validate

Integration scenarios.

Responsible for sanity testing builds and assigning testing tasks for the team and gathering test execution metrics and reporting to upper management on test progress/ risk areas identified.

Conducted backend performance testing for serverside APIs.

Extensively Stress/Load tested environments using Apache JMeter.

- Make day to day test team activity decisions and testing approach per build based on the code changes.
Checked into repository.
- Serve as WebServices Admin for the team. Created business specific domains, configure server instances and manage software deployment schedule.
- Onsite Team Lead to a team of 5 QA engineers 1 onsite + 4 offshore team members.

SQA Lead /Web Services Admin , Applied Machine Learning Group 2013- 2014

Developed JUnit/Jmeter based functional API Test Suites for Applied Machine Learning group
Tested and deployed search APIs for AOS,Support,MARCOM, iLog/iDesk, HR applications

Conducted Performance comparison tests and debugged performance bottlenecks graphing memory/cpu metrics gathered.

Extensively Stress/Load tested environments using Apache JMeter.

- Lead the testing effort for Apple's first Cloud based Diagnostic services over the Internet for
desk tops and mobile platforms integrating hardware and software.
- Served as SysAdmin/Weblogic Admin for AML team. Created business specific domains and
server instances on 50 different hosts, automated deployment of application and monitored Dev/Test/Prod environments during NPE and holiday peak periods.
- Onsite Team Lead to a team of 5 QA engineers 1 onsite + 4 offshore team members.

- Coordinated testing tasks and build/release automation tasks for several projects in AML group.

Well versed with Build/deployment automation using Jenkins, puppet and integrating Junit/Jmeter automated test to continuous integration framework.

Authored test plans, test cases, go-No-Go decision documents.

Advised management on release management of build packages , KPIs, and scalability performance issues.

Conducted weekly radar triage meetings and reported radar metrics and test case execution statistics to management team.

Apple INC.

2010 - 2012

Senior SQA Engineer in charge of testing iPod as a system

- In charge of testing Audio Routing, Radio, Accessibility/VO and Mikey Support.

Created test plan/test suites based on architecture, executed test cases and managed offshore team for test execution and reported test metrics to management.

- Created and implemented test suite for Audio Routing Framework, VO Engine and Radio Application,

Nike Victoria VO prompts for iOS and iPod Nano Systems.

Automated tests using in-house tools such as RAFT.

- Conducted Integration testing of Music (Audio), VoiceOver, Mikey Controls on various UI applications including radio, music, Nike and utility apps on the iPod with iTunes and Desk Top systems.
- Certified VO libraries deployed to iPod mini, Nano, touch systems.
- Responsible for testing VO prompts for Nike application on iPhone devices.

NETFLIX INC.

2009 - 2010

Senior Software Engineer, Los Gatos, CA

- Responsible for testing Netflix APIs used by external developer community,

validating netflix's

vast content xml file produced and updated regularly for public consumption.

Also, tested

newest JS widgets created to enable easy access of Netflix functionality on small/
medium

web and print media portals

- Developed TestNG/ Jmeter tests to automate Netflix's API2.0 release.
- Successfully tested and released Facebook Connect app to gather and post

Netflix user comments

and ratings.

- Tested Netflix application on **Wii** platform. Focused on Netflix streaming
algorithm validation

and integration testing of client and server interaction.

- Developed automated shell scripts to validate catalog file generated by nightly
batch process.

MICROSOFT Corp. (Tellme Networks, a Subsidiary)

2005 - 2009

Software Development Engineer in Test, Mountain View, CA

- Responsible for Testing leading edge voice xml technology interpreter and VOIP
network

switch component involved in routing telephony calls for hosted IVR applications
for global

companies including AA, Etrade, Well Fargo, Ups, FedEx and directory services
for US.

- Implemented Java based Junit/Jmeter test suites to test and automate Tellme's
newest web

based recognition services, transcribe and store services and audio services to
synthesize

text to speech streams.

- Implemented Java based Junit/JWebUnit test framework to test/validate Tellme's
extranet reporting

site. TellMe's extranet site provided web based downloadable reports for clients

on their call data

like volume, duration of call, type of call.

- Designed and implemented Java Servlet based test framework to test validate

Voip networks

SiteAdmin.

- Developed Automated scripts in Perl to test the various backend components of the

DA Search App, including Listing Processing and Indexing, Search APIs and Grammar Generation.

- Worked on automation of regression tests using JUnit with phone emulators and actual devices.

- Lead the testing effort of Tellme Network's TTS engine transition from AT&T platform to

Microsoft TTS Engine. Was responsible for Microsoft SSML spec compliance testing, functional

and load/performance testing of the engine. Utilized a 3 member QA team to provide

end-to-end testing coverage.

E*Trade INC.

2004 - 2005

SQA Engineer for OptionsLink and Etrade WebSite

- In charge of testing worldclass online options trading application and backend server integration.
- Tested Etrade's online trading application integration with backend trading (stock option, sale, settlement) system. In 2004, when Etrade moved from legacy trading system to global ADP Transaction platform. Played a major role in integration testing ETrade Front end to ADP backend sale-reconciliation, settlement process.
- Created and executed several Perl/SQL scripts to automate validation of overnight settlement processes.
- Lead a team of 4 SQA engineers in testing and releasing Etrade's first Restricted Stock Option trading application in 2 phases.
- Lead a team of SQA engineers in testing and releasing Etrade frontend

unification efforts. Etrade merged

Options Link Site, Banking and stock trading applications all into single online website. Played a major

role in integration testing Options Link into Etrade Unified Site.

Enlighta INC.

2002 - 2004

Server Software Engineer

- Responsible for evaluating commercially available workflow engines and integrating Savvion's workflow engine to h product management system. Enlighta's PDMS is a web based application. Implemented on J2EE platform with Oracle as data store.
- Implemented critical EJB's for servicing workflow input/output handling and workflow event management systems.

Verisign INC.

2000 - 2002

Software Development Engineer

- Responsible for developing leading edge web based security software applications including Verisign's first generation java products, the Personal Trust Service, Digital Wallet Service as well C++ product e-biz Seal.
- Implemented business logic EJB's for servicing user enrollments, activation, password recovery for Digital Wallet Service.
- Developed operational module of PTS which carries out the core functionality of the application like create digital profile, install certificate into the profile, digitally sign/verify certificates using Verisign CA.

- Generated JSP pages listing certificates and signed transactions.
- Integrated e-biz seal with backend shared hosting certificate service and involved in design/implementation of shared hosting certificate service.