

R J Karthick Raj

QA Lead - Cloud Computing

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Summary

- Started my career in IT as Test Engineer, involving in testing of web based applications with Infolink Software Technologies, Chennai/Bangalore.
- Currently working as a QA Lead, Managing a 3 member testing team and around 3 years of experience in QA/Testing (black box) of products on Virtualization and Cloud Computing platform in K7 Computing which gave me exposure to the ins' and outs' of a Product development company, the QA process followed and associated stuffs.
- My assignment here involves testing of product application based on CLOUD COMPUTING (PaaS/IaaS).

Specialities

- Develop & identify Functional & Non-Functional testing methodologies, tools for IaaS cloud testing.
- IaaS Cloud Computing, Virtualization, Network & Storage virtualization.
- Experience in testing Cloud services and applications (PaaS/IaaS) and their integration with the third party apps.
- Strong skills in Test case preparation, Execution & Reporting, test reports generation and design test scenarios.
- Proficient in all cycles of test life cycle from test planning to defect tracking and managing defect lifecycle.
- Good communication and interpersonal skills with strong knowledge of Web and Product Application testing on cloud platform.
- Linux, Mac OSX, Microsoft Windows, MySQL, SQLite, Hypertable, Python.
- Apache Hadoop, Memcached, HAProxy, Nginx, SVN, Redmine, Bugzilla.

Formation

2005-2007	M.Phil in Management from Madurai Kamaraj University(DE), Madurai.
2003-2005	MLM from Madurai Kamaraj University(DE), Madurai.
2001-2003	MBA from Sourashtra College, Madurai Kamaraj University, Madurai.
1998-2001	B.sc Computer Science from The American College, Madurai.

Professional Experience

SINCE NOV 2011

QA Lead at K7 Computing Private Limited, Chennai.

- Work as a functional consultant between IT and business.
- Understand the Business Requirement Document (BRD) which is initiated by the Product Council.
- Involved in the preparation of Functional Requirements with Product council.
- Creating Flow diagrams indicating end-to-end flow for better understanding of the product as a whole.

FEB 2009 - OCT 2011

Senior Test Engineer at K7 Computing Private Limited, Chennai.

- Requirements gathering and analyzing the Requirements.
- Create Functional Test Plans and Scenarios if any.
- Prepared Use Cases based on the Functional Requirements prepared by product council.
- Involved in the creation of functional test cases, managing the UAT and functional testing of the UI before delivering it to the customers.

OCT 2005 - DEC 2008

Test Engineer at Infolink Software Solutions, Chennai/Bangalore.

- Performed different types of testing like Functional Testing, and Smoke Testing.
- Involved in Executing Test cases for Functionality, integration and System Testing and preparation of test report.
- Reported defects found during test cycles and retest fixed in Bug Tracking System and Tracked defects using bug-tracking tool.
- Understanding the Test Plans and Involved in the preparation of test report.

JUL 2003 - AUG 2005

Senior Executive – Business Development at Lexicon Training Academy, Madurai.

Projects

STACKIRON,
IAAS, HYPERVISOR
MANAGER

StackIron is a virtualization platform. StackIron provides a unified interface to manage all opensource hypervisors. A pure python implementation for which we developed our own development framework and billing solution. It comes integrated with third party billing solutions like WHMCS as well. All basic functionalities like backup, templatization, migration, SAN and local storage management work seamlessly across all hypervisors. StackIron provides fine grained user control and allows various levels of user configurations at runtime. StackIron has an optional VLAN and bonding functionality along with Basic Firewall and traffic controlling.

EGGPLUG,
NAS AND CLOUD
STORAGE

EggPlug (www.eggplug.com) is a physical device which lets you access your digital media across the Internet. Contents across various other Physical plugs and desktop installations are kept in sync. User selected files/folders are backed incrementally onto Amazon S3. Devices are authenticated using OAuth protocol. One could simply consider this product as a NAS and Dropbox solutions combined. EggPlug can automatically backup your most important folders to EggRack, the Cloud based, versioned backup service.

CYCLOZZO,
PaaS

Cyclozzo is a meta cloud platform designed to support the latest PaaS APIs with minimal effort. Cyclozzo currently implements two of the most popular PaaS APIs: Google App Engine Python and Google App Engine Java. Cyclozzo continuously monitors application requests and makes sure that user applications are responsive at all times, while utilizing optimal server resources. When load goes up, Cyclozzo increases the number of application instances and also decreases them when requests come down. Cyclozzo does auto scale-out and scale-in while taking in to account the application's budget/plan.

SCALEINFRA,
SCALABILITY MANAGER

ScaleInfra is yet another infrastructure management tool. ScaleInfra can deploy customer applications based on their requirements in a public/private infrastructure deployment. It uses FluidVM/AmazonEC2 for private/public deployments. ScaleInfra employs layer-based strategy to categories virtual machines (like external world visibility). Virtual machines in a layer is pre-configured to a Linux XenPV template. There is an additional option to associate shell scripts per template. Layers are configurable. Application scalability is done by increasing and decreasing the number of virtual machines participating in the application cluster.

PYLES,
PYTHON FRAMEWORK

Python application development was our primary goal and there were some features, which we used on a regular basis at K7 Computing. Pyles was developed to reduce application development time. The main purpose of this framework was to provide a web interface using a web server and database schema migration capability. Pyles supports few open-source databases like MySQL and SQLite. Other features include automatic validation based on pre-build values/range dictionary, task queue, simple calls for save, update and delete functionalities, Multiple dynamic user roles, cookie based authentication, pre and post start procedures etc.

MCNHRMS,
HUMAN RESOURCE
MANAGEMENT PORTAL

MCN is an HR services and placement providing organization aligned to address the objective to obtain the efficiencies and effectiveness of IT power processes. MCNHRMS is an Intranet Workflow Management portal. This Portal usage is for authorized MCN employees only. This Portal enables the authorized users to capture the market details, specific client requirements, allocate the requirements to the consultants, fulfil the requirements and complete the formalities of the closure of the requirement. The individual credits and performance monitoring and their Key Result Areas tracking will be done only through this portal. Delivery Lead allocates client's requirements to consultant. Consultant sends all clients requirement to QC person and also manages the candidate recruitment process. Associate consultant updates the candidate feedback status sent by the client. Quality Checker (QC) Understands client requirements and performs QC.

ISLAND-WORLDWIDE,
ONLINE TRAVEL AGENCY

I-W provides leisure and business travellers a wide selection of low airfares, as well as deals on lodging, car rentals, cruises, vacation packages and other travel. It is to address consumer's need for an unbiased, comprehensive display of fares and rates in a single location. Its inventory includes hundreds of airlines, more than 80,000 hotels worldwide and 13 rental car brands. Search results are presented in an easy-to-use matrix that displays a vast array of travel options.

ACAPS,
ONLINE FINANCING
SOLUTION PRODUCT

Automatic Credit Application Processing System is an online financing solution product. ACAPS can help a customer, who finds paying off debts, difficult. The product also gives homeowners an option to borrow against their equity to pay off their debts in full. This could be accomplished, even if they have been denied a loan by other lenders. Once the customers consolidate all their monthly debt into one lower payment, they can breathe easier. Interest on their new monthly payment may even be tax-deductible. Plus, they can arrange to have cash left over to spend as they wish. And unlike other lenders, the customer can prequalify in as little as 24 hours and deliver their funds in days, not months.

Online Profile


LINKEDIN

in.linkedin.com/in/RJKarthickRaj

Interests & Activities

 Learning new technologies

 Photography

 Travel

 Music