RAMESH A (PRINCE2® Practitioner)

E-mail : rameshrpu@gmail.com
Mobile : +919886311312

Summary:
- Over 14 years 10 months of involvement in IT industry with solid foundation on Software Testing (as **Manager, Test/Technical lead, Test Architect, Scrum Master**) in the cutting edge innovations/technologies
- **Managing, Mentoring, Guiding and Leading** 14 QA team members across 4 different projects
- Implementing QA strategies, Open source technologies to maximize the **Product Quality and Test Coverage**
- Accountable and Responsible for **planning, managing, executing** the complete **End to End QE activities** (Starting from Requirements gathering to QE Sign-off)
- Open source contributor for **ManageIQ, Aeolus, Deltacloud API, Open Stack**
- Well experienced in **Designing automation framework** using **Selenium with Java and Python**
- Possess rich experience in Design, Development and Testing with excellent analytical, problem solving, communication and interpersonal skills.
- Well aware of working with both **Upstream**(open source community) and **Downstream**(Enterprise release)
- Techno-functional with sound knowledge in management of various activities including **development/ testing/ deployment/ configurations/ maintenance of an enterprise wide Operating System, Cloud applications, Middleware application, functional testing, API testing, non-functional testing, UAT, Automation and end-user trainings**
- Experienced in writing/ maintaining **test plans, test strategies, test cases, wiki pages and docs for the functionality, installation/ configuration, automation setup and work flows**.
- Well experienced in Setting up the Testing endeavors **(Ranging from Manual Testing, Team Building from level 0, Automation Efforts from level 0)**
- **Planning/ Executing/ Managing**. (Handling a team of 10 members)
- Over 14 years 10 months of experience in **Agile/Scrum methodology** and **2yrs as Scrum Master** with extensive experience in facilitating the teams on **Sprint Backlogs, Sprint Planning, Daily Scrum, Sprint Review and Sprint Retrospectives**
- Have strong orientation towards completing projects before schedule, capable of working in groups as well as individually on multiple release criteria's and platforms

Technical expertise:

Tools	: Selenium Webdriver, TestNG, klov, pytest, RESTAssured, Unirest, Eclipse, PyCharm, ipython, Sublime Editor, Vim, VI, EditPlus, S3 browser, Postman
Databases	**:** SQL Server, Oracle , Postgres
Programming Languages	**:** Python, Java
Web Technologies	**:** Exposure to YAML, XML, HTML5, CSS, jQuery, Java Script
Operating System	**:** Linux – Fedora, RHEL 8.x, 7.x, 6.x, CentOS, Debian Windows – Server 2016, 2012R2, Desktops – Windows 10, 8, 7
Cloud (IAAS)	**:** Red Hat OpenStack, VMware Cloud, AWS Cloud, Verizon Terremark Cloud
Cloud Storage	: Amazon S3, EMC Atmos
Virtualization	**:** RHEV, VMware
Security	**:** SELinux
Authentication	**:** IPA, OpenLDAP, ADS

Packages	**:** Eclipse Package, MS-Office, Libre Office
Servers	**:** Apache Tomcat, JBoss, IIS, BEA WebLogic
Configuration Management Tools	**:** git, SVN, CVS
Continues Integration Tools	**:** Jenkins, Bamboo
Cross Platform Tools	**:** Win SCP, Putty, Cygwin
Bug Tracking Tool	**:** Bugzilla, JIRA, Rally
Website	**:** http://ramesharpu.com
Blogs	: http://ramesharpu.wordpress.com/
Github id	: **ramesharpu, rananda**
Google Search id	: **ramesharpu**, ramesharpu@gmail.com , rananda@redhat.com

Experience Summary

- Sept 2018 – Oct 2019 with CA Technologies, A Broadcom Company as Manager Software Engineering

- April 2017 – Aug 2018 with **ALTISOURCE BUSINESS SOLUTIONS PRIVATE LIMITED** as Lead Engineer

- July-2011 – April 2017 with **RedHat India Pvt. Ltd.** as Sr. Quality Engineer (Technical Lead)

- May-2007 – July-2011 with **RedPrairie Technologies Pvt. Ltd** (now known as **JDA Software**) as Sr. Quality Engineer

- Aug-2005 – Sept-2006 **with SembCorp Logistics (India) Pvt. Ltd. (**Now Known as **Toll Logistics (India) Pvt. Ltd),** as Management Trainee for Business Excellence/ Software Solutions**.**

Education

- **MS in Computer Science** from Christ College affiliated to **Christ University (**Secured 4th Rank in the University), Passed in 2015 with 73.85% (3.46/5 CGPA).

- **B.E**. (Mechanical) from Siddaganga Institute of Technology affiliated to **Visveswaraiah Technological University,** Passed in 2005 with 68.59 %.

Publication
- **"A Novel Generalized Recommender System for Social Media Using Collaborative Filtering Technique"** published in "**ACM SIGSOFT Software Engineering Notes",** Volume 39 Issue 3, May 2014, **DOI – 10.1145/2597716.2597721**.

- **"An Experimental Comparison of Data Mining Techniques for Paleoecology"** published in SIXTH NATIONAL CONFERENCE ON **"Emerging Trends in IT eit15", ISBN 978-93-82305-73-6**

Certifications & Memberships
- **PRINCE2® Practitioner Certificate** in **Project Management (License - 5706391)** from **AXELOS Global Best Practice, UK**

- **PRINCE2® Foundation Certificate** in **Project Management (License - 5706391)** from **AXELOS Global Best Practice, UK**

- **In progress – Project Management Professional (PMP)®** from **PMI**

- **In progress – PMI Agile Certified Practitioner (PMI-ACP)® from PMI**

- Member of **"Python Software Society of India (PSSI)"** from Jan 2015

- Member of **"Distributed Management Task Force (DMTF)"** from Aug 2011

Awards
- **RED HAT Multiplier Transparency** Award in December 2016 for **Lightening Talks and Training Sessions** given on CloudForms
- **RED HAT Multiplier Connection** Award in October 2016 for making **RED HAT a great place to work**
- **RED HAT Focus on Customer** Award in February 2016 for **Rapid Response in addressing Customer Escalation**
- **RED HAT Multiplier Collaboration** Award in February 2016 **for working with Solution Architect in Cracking 2 MAJOR Orders in India** (**Product Marketing** - **First customers in India to buy the CloudForms product**)
- **RED HAT Multiplier Collaboration** Award in February 2015 for **Successfully completing Red Hat CloudForms Major Release under very tight schedules and with high quality control deliverables**
- **RED HAT Multiplier Collaboration** Award in February 2015 for **Designing and implementing Automation Efforts (Selenium WebDriver + Python)**
- **RED HAT Multiplier Collaboration** Award in February 2014 for contribution made to **CloudForms Management Engine** and making it the **Most Valued Products in Red Hat Portfolio**
- **Best Performer** award in 2011 for the contribution made in establishing/ setting up **QE team and the testing endeavors** for Deltacloud API project (which incorporates setting up the team, automation framework design & implementation, creating and maintaining the wiki pages, documentation, Test Cases, Test Plans, Test Strategies, training new employees, and so forth..)
- **Outstanding Performer** award in 2010 for contributions made **to Selenium Automation (Selenium RC + Java) and Testing complicated scenarios** which played a major role in product development

Project Details

Aug 2018 – Oct 2019 in CA Technologies, a Broadcom Company as Manager, Software Engineering

Project Name(Product Suite)   : EMV 3-D Secure Messaging Protocol
Products   : Directory Server (DS), Transaction Manager (TM 2.0 and TM 1.0),
                                 Solution Integration Team (SIT)
Duration   **:** Aug 2018 to Oct 2019
Role   **:** Manager, Software Engineering

Technologies & Tools Used:
EMV 3-D Secure Messaging Protocol, Selenium WebDriver with Java, TestNG , klov framework, Maven, Postman, Vim, VI, git, Rally, RHEL OS, Windows OS, Cloud (AWS), Apache Tomee Server, Oracle databse(11g and 12c), Jenkins, TeamCity

Short summary   :

EMV® 3-D Secure (3DS) is a messaging protocol that promotes frictionless consumer authentication and enables consumers to authenticate themselves with their card issuer when making card-not-present (CNP) e-commerce purchases. The additional security layer helps prevent unauthorized CNP transactions and helps protect the merchant from exposure to CNP fraud.

The three domains consist of the merchant / acquirer domain, issuer domain, and the interoperability domain (e.g. payment systems). EMVCo has created, owns and manages the *EMV® 3-D Secure – Protocol and Core Functions Specification v2.2.0* and related industry materials.

Responsibilities:
1. Managing and Leading 14 member QA team across 4 different projects.
2. Implementing QA strategies to deliver a very high-quality end product.
3. Implementing open source technologies to maximize the product quality, test coverage and gain higher returns on the investment in a very tight deadline schedule.
4. Representing QE team updates to higher management and stakeholders with the product deliverables.
5. Coordinating with Clients like with product calls and resolving issues.
6. Coordinating with diverse team, creating/ managing/ guiding/ executing end to end QE activities across different products of the EVM 3-D Secure product suite
7. Responsible for delivering all aspects of functional testing and integration testing of the EMV 3-D Secure product suite with in the scheduled time, budget and quality targets and holding accountability for producing outlines of solutions and depth of product testing.
8. Monitoring day to day activities to ensure all objectives are achieved, reviewing reports and statistics to unblock any issues
9. Providing technical guidance on functional, technical aspects of the project
10. Accountable for coaching, mentoring and guiding the QE team - Automation framework design, coding logics, best coding practices, use of open source technologies, providing exposure to open source technology meetup's and conferences.
11. Designing/updating the automation framework
12. Evaluate and Analyze the Jenkin's results
1. Creating Dashboard for one stop information Project Management Reports from QE prospective
2. Managing QE documentation(wiki pages, Installation guides, troubleshooting steps, internal QE docs)
3. Managing the QE infrastructure and hardware's
4. Product Backlog triage activities

April 2017 – Aug 2018 in **Altisource Labs. as Lead Engineer**

Project Name   **:** REALSafe (Objectstore as a Service)
Duration   **:** April 2017 to Till Date
Role   **:** Lead Engineer

Technologies & Tools Used:
AWS SDK, Selenium WebDriver, Java/ Python, TestNG, Unirest framework, ROBOT Framework, Maven, Postman, ipython, Vim, VI, git, Atlassian Tools (JIRA, Bit bucket, Confluence, Zephyr), chef, Linux OS (RHEL, CentOS), Windows OS (Server and Desktop), Cloud (AWS, Verizon), Authentication (IAM), Apache Tomcat Server

Short summary   :
REALSafe is an open-source based, high performance, highly scalable (scale-out), Storage as a service platform for managing documents. It is used by big data Cloud Software as a Service application's to achieve high volume business needs.

Individual Contribution (IC) Responsibilities:
13. Testing the new features and ON QA issues
14. Designing/updating the automation framework
15. Automating the test scenarios
16. Evaluate and Analyze the Jenkin's results

17. Debug the failures and reporting the bugs
18. Certify the test results for the product/ feature release
19. Create/update test plans, test strategies, test cases
20. Peer review the automation codes/ test plans/ test cases

Lead Responsibilities:

5. Managing End to End QE activities with a team of 8 members
6. Participating in the team meetings (sprint planning/ demo/ review & retrospective) and representing QE team
7. Authorizing the QE sign-off
8. Organizing, planning, executing day to day QE activities and assigning work to the team members
9. Facilitating the teams on Sprint Backlogs, Sprint Planning, Daily Scrum, Sprint Review and Sprint Retrospectives
10. Preparing Progress report, Cumulative flow diagram, Burn down report, Velocity chart, Sprint report, Avg Age Report, Created vs Resolved issues report, user workload report
11. Creating Dashboard for one stop information Project Management Reports from QE prospective
12. Creating / Maintaining QE documentation(wiki pages, Installation guides, troubleshooting steps, internal QE docs)
13. Managing the QE infrastructure and hardware's
14. Cross team interaction for testing and resolving issues
15. Bug triage activities
16. Reproducing customer issues and interacting with Development team/ Solution Architects/ Product Support team in fixing and closing the issue
17. Providing support to Solution Architects, Support teams.
18. End user training on various areas like – automation, product training's, technology training's

March 2013 – April 2017 in **Red Hat India Pvt. Ltd. as Technical Lead**

Project Name   : CloudForms Management Engine (CFME) (Community Version - ManageIQ)
Duration   **:** Mach 2013 - April 2017
Role   **:** Technical Lead

July 2011 – March 2013 in **Red Hat India Pvt. Ltd. as Sr. Quality Engineer**
Project Name   **:** CloudForms Cloud Engine (CFCE) (Community Version - Aeolus)
Duration   **:** July 2011 - Mach 2013
Role   **:** Sr. Quality Engineer

July 2011 – March 2013 in **Red Hat India Pvt. Ltd. as Technical Lead**
Project Name   **:** Deltacloud API
Duration   **:** July 2011 - Mach 2013
Role   **:** Technical Lead

January 2010 – July 2011 in **RedPrairie India Pvt. Ltd. as Module Lead**
Project Name   **:** Work Force Management – Executing Management (WFM-EM) Integration
Duration   **:** January 2010 – July 2011
Role   **:** Module Lead

May 2007 – January 2010 in **RedPrairie India Pvt. Ltd. as Sr. Quality Engineer**
Project Name   **:** Store Executing Management (SEM)
Duration   **:** January 2010 – July 2011
Role   **:** Sr. Quality Engineer

September 2006 - May 2007 as Freelance Corporate Trainer
Trainings Handled:
Java, Python, QTP, Win Runner, Load Runner, Data Warehousing – Informatica (ETL), Software Testing

Duration   **:** September 2006 - May 2007
Role   **:** Corporate Trainer

***Aug 2005 – September 2006 in* SembCorp Logistics India Pvt. Ltd. (Now Known as Toll Logistics) as Management Trainee**
Duration   **:** August 2005 – September 2006
Role   **:** Management Trainee
Internal Roles handled as Management Trainee:
1. **ETL Developer** – For Shopper's Stop Ltd. and Crossword Bookstores Ltd.
2. **Business Excellence/ Solutions Executive** for SembCorp Logistics India Pvt. Ltd.
3. **Manager – Warehouse operations** for Chanel India Pvt. Ltd.
4. **Manager – Warehouse operations** for Crossword Bookstores Ltd.
5. **Assistant Manager – Warehouse Operations** for Shopper's Stop Ltd.
6. **MIS Reporter** for Western Region (India) for SembCorp Logistics India Pvt. Ltd.