**UTKARSH SINGH**

**QA Specialist Engineer–Cloud Brokerage | Technical Lead - Testing**

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**Address** : Bangalore, India

**CARRIER OBJECTIVE**

Ready to dedicate myself in an organization which provides an opportunity for my creativity and be a contributing member to the success of the organization by effectively utilizing the skills I have acquired.

**WORK EXPERIENCE: 8.6 Years (From June 2013 to till now)**

1. **IBM India Pvt. Ltd.: -Working as Cloud Brokerage Specialist from April 2018 to till now..**
2. **Aricent: - Worked as Technical Lead- Testing from March 2016 to March 2018.**
3. **Mindtree Ltd.: - Worked as a Software Engineer from June 2013 to March 2016.**

**Technical Proficiency:**

* **Technically adept and proficient software tester with 8.6 Years of experience in** **Automation Testing, Manual Testing, Cloud Testing, API, Web and Mobile application testing.**
* Hands-on experience on Automation testing tools **Selenium WebDriver / Protractor / Robot Framework Keyword driven/Page object model / BDD framework**
* **Proficient in cloud and cloud services testing. Good understanding about cloud products and architectures.**
* **Knowledge of AWS, Google cloud, Azure and VRA cloud provider.**
* **Hands on on Set up Google Cloud environment including billing accounts. Familiar with using Google cloud services like Compute engine, cloud storage and others.**
* **Knowledge on different clouds like Softlayer, Azure, VRA, IBM cloud.**
* **Worked in design and development of Test plan, test scripts, Test execution and defect tracking.**
* **Hands-on on Jenkin setup in different machines and creating different jobs.**
* **Knowledge of MySQL, Docker and Kubernetes/Minikube\*.**
* Having experience in mobile testing for **native, hybrid and web-apps.** Knowledge of android and iOS architecture.
* Software QA Tester with full System development lifecycle experience, including designing, developing and implementation test plans. Experience in building test strategies, Analysis and report preparations for end to end testing. Excellent knowledge in STLC and Defect lifecycle. Experience in **Agile Testing methodology**.
* Ability to test complex integrated software applications in multiple environments. Testing ecommerce applications, Cloud product application testing, **Web based applications**, **Mobile applications**. Testing on Mobile (Android/ IPhone/FP) & Tablet. Also, on emulator, simulator and perfecto mobile. **Sitecore platform testing.** Knowledge of Omniture data web analytics/Usage analytics testing using Piwik tool.
* Experience in performing all types of testing including Functional, UI, Responsive, SIT, Regression and UAT.
* Good hands-on experience on Test case management and Defect Tracking Tool like **JIRA, Bugzilla, TestRail,** RADAR, and Tarantula.
* **Hands-on on AWS cloud deployment and maintaining test environment for Automation Activity.**
* Good Planning, time management and mentoring skills. Analytical and logical thinking. Providing the estimation for testing effort. Creating functional test plan. Continuous learning/ improvement mind-set.

**PROJECTS UNDERTAKEN**

**Current Project:**

**01**. **Project name** : IBM Cloud Brokerage (Deliver it as service and manage your hybrid cloud)

 **Client**  : Across world

 **Role**  : **Cloud Brokerage QA Specialist (product testing and handling clients)**

 **Description of Project:**

IBM Cloud Brokerage Managed Services can help you to plan, buy and manage – or broker -IT resources across all cloud models from multiple suppliers while reducing compliance risk and overall IT costs. IBM has provided up to 40 percent savings and reduced cycle time to help deliver IT solutions.

 **Tools Used** : 1. Python with Selenium and protractor Automation framework.

 2. Postman/JMeter for **API** and Performance testing.

 3. Jira, Testrail, Jenkin, GitHub, Confluence

 4. AWS, GCP, Softlayer, Azure, VRA, IBM cloud, ServiceNow

**Responsibility:**

1. Product knowledge on hybrid cloud and multi cloud management platform.
2. Testing different complex features and functionality of cloud store application (Consume)like creating, managing and monitoring different Vms via consume UI. Hands-on on creating order, provisioning, inventory, order approval, budget, user management, cost analytics, auditlog, session, catalog upload , custom operations, vra adapter hookup, servicenow order flow testing, AIOps feature testing .
3. Working with different clients and supporting while doing UAT.
4. Primary owner for GCP to upload services catalog, GCP APIs, and check end to end in provider side as well as in consume.
5. Hands on VMware- vSphere services testing, vra adapter deployment configuration in test vm, websocket configuration.
6. Hands-on on different AWS, GCP, Azure, IBM Cloud and VRA services .
7. End to End Test Automation for product including framework development and Tool selection.
8. Python with Selenium and protractor Automation development for cloud brokerage web application.
9. Setup jenkin from scratch in Linux machine and build CI /CD pipeline.
10. Writing test cases, executing test cases, defect reporting, tracking and log analysis for each and every release.
11. Writing and executing Automation test script/Functional test case preparation and review
12. **QA DevOps Activity**, maintaining test environment, Migration from Non MT to Multitenancy env and testing, Snow droplets setup and bootstrap.
13. Managing test environment deploying the build in staging environment.
14. Writing test cases, executing test cases, defect reporting, tracking and log analysis for each and every release.
15. R&D in tool integration Jenkin, **Selenium**, parallel job run, Slack and TestRail integration.
16. Scalability and performance testing using Jmeter.
17. Handling team, interacting with clients / stack holders and Mentoring the freshers in the team.

 **02**. **Project name** : BeSquare

 **Client**  : BerOe

 **Role**  : **Technical Lead : QA Engineer**

 **Description of Project:**

Positioned at the forefront of procurement intelligence and customized market research, Beroe is unique in its exclusive focus on procurement. Beroe acts as an extension of your procurement office, offering deep expertise and comprehensive resources within our primary industries. This allows us to provide robust, predictive, real time intelligence and insights.

**This involves Web analytics, Omniture data, Piwik tool, Survey poll, MI Report, Zapplin tool, Discussion forum features.**

 **Tools Used** : 1. **Selenium Web driver**/Keyword driven framework

 2. Robot Framework

 2. Maven structure to run **automation** through command prompt

 3. REST Client/Postman/JMeter for API and Performance testing.

 4. Jira, Tarantula, WinSCP, Putty, **MySQL**, Jenkins, AWS Cloud computing, Power BI.

 5. Implementing Protractor /AutoIt in current framework

**Responsibility:**

1.Design, implement, review, execute and maintain manual and automated tests 2.Developing Robot framework from scratch for angular applications using Java and Selenium. 3.Capture Catalina logs for each scenario using Robot framework.

 4.Configured **MySQL** with robot framework and Writing **MySQL** query for doing DB validation.

 5.Automation Demo to client for end to end scenario of application

 6.Writing and executing Automation test script/Functional test case preparation and review 7.Discussion with Architect and BA to understand the requirement

 8.Mobile Application testing, responsive testing across browsers and devices.

 9.REST API testing using JMeter and configure JMeter with Robot framework

 10.Automation framework: Selenium Keyword driven, Protractor framework.

 11.Doing production testing on the live site and reporting all kinds of issues: Functional, UI, Performance, New suggestion and user experience.

 12.Managing test environment deploying the build in staging environment.

1. **Project Name :** P&G ABBs (Accelerated Building Blocks)

**Client :** Procter & Gamble

**Responsibility :** As software Test Engineer

**Description of Project:**

P&G is a multinational manufacturer of product ranges including personal care, household cleaning, laundry detergents, prescription drugs and disposable nappies

The company markets its products in more than 180 countries.

P&G is widely into digital marketing of their products which involves the existence of their websites on various channels like desktop, smartphones, tablets.

The project involves developing reusable components on **sitecore CMS** + .net technology, which helps developing the websites in lesser time and with minimal coding effort. The technology built has to support across all channels like desktop, smartphone, feature phone browsers.

This is the first ever project for the client which is built on sitecore CMS.

**Role** **:** Test Engineer

**Tools Used** **:** 1. Sitecore (CMS Testing) Manually

 2. Worked to automate the site using selenium WebDriver

 3. JIRA (Test and Defect management)

**Responsibility**: 1. Writing and executing Automation script

2. Perform core functional testing of the components built on sitecore CMS and associated functionalities and features.

 3. Understanding Business requirements, testing requirements, debugging , problem solving and RCA

4. Perform functional, UI Testing of the developed web based applications across browsers & different devices. Smartphone (android, iOS, tablet, iPad), Feature phone).

5. Preparing and modifying Automation testing scripts.

6. Worked to automate the site using selenium WebDriver.

7. Performed functional, compatibility and regression testing, sanity testing, Data base testing.

8. Prepared and Executed Test Cases as per System Requirements (CA and End User)

9. Performed various black box testing Methodologies Like functional testing and regression testing. Defect Tracking and Reporting.

1. **Project Name:** P&G Cover Girl Mobile site

**Client:**  Procter & Gamble

**Description of the project**

P&G is a multinational manufacturer of product ranges including personal care, household cleaning, laundry detergents, prescription drugs and disposable nappies

The company markets its products in more than 180 countries.

P&G is widely into digital marketing of their products which involves the existence of their websites on various channels like desktop, smartphones, tablets.

The project comprises of a mobile website to locate the brand’s beauty stores based on the map location / relevant zip code provided by the users. Mobile apps name paperless trial.

**Role:** Software Test Engineer (As a tester I handled this project alone)

**Tools Used:** 1. *Perfecto Mobile cloud testing*

2**.** Radar for Defect Management

**Responsibility:** 1.Creating effective test plan, Test strategy, test cases

2. Perform functional, API, Data base and UI Testing of the websites across different browsers and devices.

 3. Mobile apps testing for android and iOS.

 4. SIT Signoff and UAT Support, UAT triage meetings.

1. **Project Name:** DODOT MOBILE APP

**Project:** DODOT Mobile app is a P&G project. The scope of this project is to test the app in different devices including smart based out of IOS and Android. This includes testing of UI components, functionality and behavior in different mobile OS.

**Responsibility** 1.Tested across five mobile devices

 2. Created test plan

 3. Created and maintain test cases for the app.

 4. Execution of test cases.

 5. Defect reporting and tracking using Radar.

1. **Project Name** : P&G ORALB ROLA LOCALIZATIONS and PANTENE MASTER SITES(EN-US)

**Description of Project:**

P&G is a multinational manufacturer of product ranges including personal care, household cleaning, laundry detergents, prescription drugs and disposable nappies.

The company markets its products in more than 180 countries.

P&G is widely into digital marketing of their products which involves the existence of their websites on various channels like desktop, smartphones, tablets. The project comprises of localizing the brand’s base website into various locales, languages across the continents. The content and the available products varies as per the locale/region.

**Role:** Test Engineer

**Tools Used:** 1.Radar for defect management

**Responsibility**: 1. Creating functional test cases for the application after analyzing impact analysis documents.

2. Perform functional, UI testing of the website across different browsers and smartphones device

3. Black box testing, End user testing, Integration testing, SEO testing

4. SIT Signoff and UAT support, UAT triage meetings

 **06**. **Project Name:** Happy Trip Web Project (Similar to MakeMyTrip)

 **Client:** Mindtree Ltd

 **Designation:** Trainee

 **Skills:** Core Java, Keyword Engine (Excel Driven Testing)

 **Role:** Tester(QE)

 **Responsibilities & Contributions:**

* Planning of work distribution, delivery on time, discussion towards an approach to test application for

bug and also after change request.

* Happy Trip is a website, As there were many fixes regarding bugs and change request during

production, so had to test application from scratch.

* Learning Core Java and Testing Principles.
* As a Campus Mind undergone 4 months training **in Core Java, JAVA Testing** during the period June, 2013 to Aug, 2013 at **Mindtree,** Bangalore. Worked on banking (BFSI) domain and Travel and transport vertical.
* Successfully completed 3 weeks **Sitecore training** held in Mindtree Campus.
* Completed Radix Learning Training Program on Software Programming and MySQL Database as a Mindtree Campus Mind.
* Classroom Learning in Mindtree:
* [Performance testing with Load runner](http://live.milms.com/MindTree/Program/Details/160535) & Jmeter : From this Session got basic understanding on Load runner and how it addresses performance testing.
* [Data warehouse testing](http://live.milms.com/MindTree/Program/Details/158012): From this Session got basic understanding on what is Data warehouse testing, Features of Data warehouse testing, Applications using Data warehouse.

**TECHNICAL SKILLS**

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| --- | --- |
| *Skills* | *Robot Framework for Automation Testing**Selenium Web driver, Protractor framework**Protractor Automation framework.**Manual Testing,* *Mobile web Application Testing**Mobile application testing**Hands on experience in assemble site in sitecore environment.**Sitecore Platform Testing,**Testing done on Sitecore, Java and Dot-net Technologies.* sleuthing tools like XENU. |
| *Test Automation* | *Selenium Automation ,web driver, Autoit, TestNG, Webservices, Rest Client, Postman,JMETER*  |
| *Testing Tools* | *JIRA, Bugzilla, Radar, SQL developer (Oracle 10g),Testrail.**Mobile Application Testing(Perfecto Mobile cloud testing): IOS devices, Android Devices, Blackberry devices, Windows Devices, IPod, I Pad* *Tablet devices.*  |
| *Language and Database known* | CORE JAVA, JDBC, Basic knowledge of C++, Data structure and HTML.*SQL/MySQL, Basics knowledge of python*  |
| Office Tools and *Operating System* | MS-OFFICE, MS-WORD, MS-EXCEL , Power-Point , Radar , JIRA,SAF Win 7 & Win 8,*Windows 98 ,Windows 2000 ,Windows XP, safari, Linux, Unix*  |

**SOFT SKILLS**

* Hard- working and Enthusiastic.
* Adaptable to different conditions.
* Good team player and have excellent interaction skill to coordinate and work within a team
* Highly organized, good presentation skill, able to meet deadlines.
* Eager to learn technical related skills on my own.
* Positive Mental Attitude, interested to work in lead role and Strong Commitment to work.

**ACADEMIC PROFILE**

**INSTITUTIONS**

**COLLEGE :** Jagannath Institute for Technology and Management,

 Biju Patnaik University of Technology, Odisha

**SCHOOL** **:** Baldwin Academy, Patna

* Completed **B. Tech** in **Electronics and instrumentation engineering** from **Biju Patnaik University of Technology, Odisha,** and (Batch 2008-12) with CGPA of **7.80**

**TRAINING & PROJECT:**

* Company Name : NTPC (Kanti Bijlee Utpadan Nigam Limited , Muzaffarpur Thermal Power Station.) vocational training for 30 days
* Company Name : Doordarshan relay centre, Giridih(Jharkhand) vocational training for 21 days
* Basic knowledge of CCNA (CISCO CERTIFIED NETWORK ACADEMY) interested to learn, completed this as a part time course from JITM, PKD.
* Successfully done a Final year Project on “Modelling and design of solar lift using solar tracker”. Guide: Ms. M.Hema Lata Rao, IIT Bhubaneswar.

**ACHIVEMENTS & EXTRA CURRICULAR ACTIVITIES**

* Microsoft Azure Fundamentals AZ-900 Certification.
* Got **A Team** Award for Hard work, commitment and dedication in the project.
* Won championship in badminton tournament.
* Selected as Man of match in cricket tournament on college level tournament.
* Active member in N.S.S, JITM
* Active Member in 8K RUN on AIDS AWARENESS DAY

**PRIMARY AREAS OF INTEREST**

* Electronics Circuits, Instrumentation System Design, JAVA Programming, Software Testing.
* Collecting new ideas about software and electronics
* Surfing net in leisure time
* Playing and watching cricket
* Playing chess and video games.

**PERSONAL DETAILS**

* **Date of Birth :** Nov 03, 1989
* **Marital Status :** Married
* **Mother’s Name :** Mrs. Pushpa Singh
* **Father’s Name :** Mr. Rajendra Prasad Singh
* **Language Known :** Hindi, English
* **Nationality :** Indian

**DECLARATION**

I hereby to notify that the above mentioned facts and figures are true to best of my knowledge and belief.

 (Utkarsh Singh)