

PRAFFUL SIDDANATI

Software QA Engineer | SDET

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PROFESSIONAL HIGHLIGHTS

- Experienced IT professional with more than 4.5 years working on validating large-scale distributed Web Applications
- Extensive experience in *Functional*, *Sanity*, *UAT*, *Integration* and *End to End* Testing
- Scripting knowledge in *Java* for automating API & UI components
- Elementary knowledge in Python, Apache Solr, Apache Spark, and Redis
- Understanding of requirement analysis, QA and Business processes
- Excellent verbal, written communication and analytical skills with experience of working with remote global teams
- Professional working proficiency in English

TECHNICAL SKILLS

- Java(3+ years), Selenium(~3 years), JBehave, Cucumber, TestNG, Linux, Solr, Kafka, Python
- Source Code Management – Git, Build Automation - Maven
- Tools – IntelliJ, Postman, SOAP UI, Zeplin, Atlassian JIRA & Confluence, Trello, TargetProcess, TestLink, WinScp, PuTTY, BitBucket, Jenkins, Splunk, New Relic, Microsoft Office Suite, MySQL Workbench
- Experience with Agile/Scrum Development
- Proficient with Software Development Life Cycle (SDLC), Software Testing Lifecycle (STLC), TDD & BDD(Behaviour Driven Development)
- Platforms - Windows, Mac, Linux
- Databases - MySQL, MongoDB

PROFESSIONAL EXPERIENCE

COVIAM TECHNOLOGIES, BENGALURU, INDIA
Software Engineer (QA)

JANUARY 2017 – DECEMBER 2018

- Reviewed requirement analysis and deliverable timeline meetings on a quarterly basis
- Actively participated in UI/UX evaluative meetings with designers and business managers to provide timely feedback about technical design artefacts
- Prepared detailed and comprehensive Test Plans, developed, maintained and executed Test Cases following Gherkin language in compliance with BDD methodology
- Reduced time and effort of regression by 50% by developing and automating ~90 e-commerce APIs using Selenium with JBehave & Cucumber with a REST Assured framework built on top of Spring Boot and achieved automation coverage of around 75% in the project
- Performed the role of SDET by collaborating with developers to develop, test and automate the content to be delivered and logging bugs to maintain the quality of the product
- Simulated and evaluated Product Recommendations using Spark job on Google Cloud Platform for *Blibli* - an Indonesian e-commerce giant (<https://www.blibli.com/>), thereby improving the CTR(Click-through-rate) from 0.1% to 0.4%.
- Developed UI Automation Script which minimized the manual effort needed by half in each Development Sprint
- Followed CI/CD pipelines with Jenkins to ensure code is deployed to production in a shorter time
- Scheduled daily automation runs and analyzed the reports by performing JMeter based Performance Testing

- Accounted for timely delivery and quality of core components of the e-commerce domain before elevation to End User thereby improving the quarterly QIP by a factor of 1.5
 - Performed Regression Testing of the system before each release
 - Provided feedback to peers by reviewing the code before being pushed to GIT repositories
 - Helped get new talent into the organization by participating in college/university recruitment drives
- Technologies: Java, Selenium, Cucumber, CI/CD tools, Cucumber, JBehave, Maven, Linux

CATERPILLAR INDIA PRIVATE LTD, CHENNAI (CONTRACT: RANDSTAD) JULY 2014 – JANUARY 2017

Test Engineer

- Participated in project planning sessions with Business Analyst/Product Owner and understood the requirements and gained knowledge of working and dealing with heavy machinery
 - Provided breakdown and estimates for validation related tasks for each sprint
 - Collaborated with UX team to effectively produce mock-up screens/wire-frames for features
 - Interacted with Telematics & On-Board teams to gather and visualize the different types of data received from the on-field fleet of assets by plotting on Fusion Charts and Tableau
 - Documented test cases based on the acceptance criteria for the functionalities being developed
 - Performed data validations of close to 30 REST APIs with the help of Postman to ensure service integration
 - Ensured UI consistency and compatibility in most browsers: IE, Chrome, Safari, and Firefox
 - Performed the role of SPI(Software Process Improvement) coordinator for the division and improved the process by implementing the required methodologies
 - Gathered, tracked and projected the monthly Quality & Velocity metrics for the team and provided with Root Cause and Corrective Analysis(when needed)
 - Represented the team to analyze and resolve any client-facing defects within the specified SLA
 - Awarded with *Best Quality Analyst* Award for going the extra mile to deliver metric reports to world-class Engineering Imperative Team and applauded for being versatile and highly-effective collaborator across geographical teams
 - Acted as QA Lead for a period of 4 months and handled the client/business meetings.
 - Provided assistance on best practices and shared system and domain knowledge to new recruits of the team as and when required
- Technologies: Java, SoapUI/ REST APIs

EDUCATION

MASTER'S DEGREE IN SOFTWARE ENGINEERING
VIT UNIVERSITY
VELLORE

2014

CANADIAN EQUIVALENCY OF BACHELOR'S AND MASTER'S DEGREE

VOLUNTEERING & EXTRA CURRICULAR EXPERIENCE

- Planned and executed companywide employee engagement activities for a team of up to 40 members
- Volunteered for various activities in University's Technical and Cultural Meet Ups.
- Attended workshops on Agile Mindset & Practices, Storage Management and On-Demand Servicing
- Runner-up at 'Bug-A-Sur' 2017,Bangalore – an annual testing hackathon organised by Venturesity