

SDET | QA | Manual | Automation | API | Agile | Deployment | Integration | CI/CD/CT | Writing | Typing
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SUMMARY

Around 10 yrs experience in devising all artifacts of testing in multi platform (web/app/device) with multi domain knowledge (ecommerce/retail/healthcare/SaaS/eLearning/embedded/IOT/EDI) and team handling with sound knowledge of SDET, QA, CI/CD/CT and Testing procedures in IT industry

CURRENT PROJECT

Currently I am working with Edifecs and involved in Smart Trading On-prem in PlatformCore / Product&Engineering Department as an SDET. Most of the work requires interaction with FHIR modules tests & PIPELINE building and fixing and inline with other product changes (SB, XE, XEC, XES, XESM, VS, FHIRMA Standards)

My responsibilities in current position

- Building and Stabilizing Jenkins pipelines.
- Test suite maintenance and Ensure BVT tests are smooth.
- Automate and maintain dynamic products installation for windows and Linux platforms.
- Support additional requests and system infrastructure/functionality readiness.
- Adapt and support for the Kubernetes deployments and Integrating Kubernetes for FHIR tests.
- Implementing CI/CD/CT processes.
- Troubleshooting product issues and stabilize test suite
- Interviewing.
- Update the doctrines accordingly.

Achievements/Contributions

- Awarded in Edihack 2023
- Successfully implemented CI/CD/CT process
- Adapted Kubernetes for FHIR tests.
- Troubleshooting product issues and BVT maintenance
- Product Installer automation for Linux systems which saves the manual effort.

TECH TOOLS

Defect & Project Management - JIRA, Rally and other internal ticketing tools, Confluence, ServiceNow, SharePoint, Bugzilla

Test Management - Test rail, ALM, Excel

CI/CD and Cloud - Jenkins, Nexus, AWS (S3), Kibana, CF, Kubernetes

Programing, Automation & IDE - Java Selenium, Groovy scripts & IDE – Eclipse, IJ

Version Control - Bitbucket, Git, SVN, Maven

Frameworks - Hybrid, CucumberBDD, SerenityBDD, Junit, TestNG

API - Postman & Internal org backed API tools, RestAssured, BDD framework

DB tools - Amazon redshift and Hubble, MSSQL, PGAdmin with SQL queries

OS & Command lines & terminals & FTP - Windows, Linux, Unix, putty, winscp, winmerge, NFS/SMB

Performance tools – Jmeter

Workspaces - VRA, Citrix, RDP

Communication Channel - MS Teams, Amazon Chime, Slack

Amazon Internal Tools - Build management tools, Device management tools, Content Management tools, TestClaimCodeService Explorer, SIM TT tool and Kanban board, backend API tools, CS tools; KBITS(buils), KOTA(OTA), KDCM(content management/publish), KDCS (content specific/publish), Kamino(test accounts generations), Embu(test account/pages events), Subs(test account subscriptions and whitelisting), Weblabs(test pages integrations).

WORK HISTORY

Org: Edifecs – India Remote ----- **2023 to Present**

Role: Lead SDET

Involved in Smart Trading-OnPrem Project in Platform Core / Product & Engineering Team

❖ Project: Smart Trading-OnPrem

The project that makes customers able to track the progress of healthcare document processing. It is the most challenging project in my experience because of requirements to store about 700 TB/year of business data and process 0.6 Gbit/sec or 83334 messages/sec but to stay easy to administrate.

Org: Tata Elxsi – Bangalore Hybrid ----- **2022 to 2023**

Role: SPECIALIST

Involved in Media Communications – OTT | Broadcast | Healthcare products.

❖ Project: GE - ACM (Web)

Automation testing – Functional testing – UI testing – Agile – Selenium – CucumberBDD – SerenityBDD – Framework development – ALM API integration with Framework – Java

Org: L&T Technology Services – Mysore | Bangalore WFH ----- **2021 to 2022**

Role: SENIOR ENGINEER

Involved in Embedded V&V-ICP&Medical | Digital Healthcare & Communications Solutions

❖ Project: Siemens (Device) | Philips (Tech Writing/Device)

Functionality Testing - UI Testing | Complaints recall review – Protocol Template

❖ Project: Alcon (Web)

RestAPI collections – Functional and nonfunctional testing – UI testing – sprint stories - Deployment to different environments – Deployment guide– Sprint Release Notes – Frontend and Backend testing -

Org: Amazon Development Center – Chennai Hybrid ----- **2016 to 2021**

Roles: ASSOCIATE (contract) > ASSOCIATE (Permanent) > SENIOR ASSOCIATE

Involved in different types of testing throughout the venture for below Amazon products.

❖ Project: Annotations – Data analytics for Echo look product

❖ Project: Amazon Prime (Web/App/Device)

Web testing – Browser Testing – UI Testing – L10N Testing – Functionality/Non-functional testing – Template Testing – Tool Testing – live Launch Testing – App Testing – Mshop testing – Compatibility –MFA – Integration - Backend & Frontend testing – DB Analytics testing – SSO integration page verification – Widget verification – cross platform testing - l10n&i18n - Emulator/Simulator – Install/Uninstall – MDM – reverse tethering – Mobile (Android/iOS) Testing – API Testing – Regression Testing – Adhoc testing – sanity testing – smoke testing – cross browser testing - e2e testing.

❖ Project: Amazon Workmail & Workdocs (Desktop Applications)

Functionality Testing - UI Testing - L10N - Sync Testing – Adhoc testing.

❖ Project: Amazon Kindle & Fire Tablet, 3P Products (App/Device)

Retail & Demo Functional Testing - UI Testing - OTA – logs - Connectivity - Sync – Performance - L10N – i18n - Thermal Testing - Touch Testing – Kindle App testing - Install/Uninstall – Touch testing – NonFunctional testing - Stress testing – Load testing – Network testing – Interruption testing – smoke testing – KIOSK app testing - accessibility testing – API Testing - Regression Testing – Adhoc testing – sanity testing – smoke testing – e2e testing – acceptance testing – ADB & linux commands

❖ Project: Amazon Echo Series & Smart Home (IOT Device Applications)

AI response Testing – Functional and non-functional testing – UI Testing – Sync testing – Memory Monitoring Testing – L10N&i18n – Compatibility testing – 1P&3P Integration Testing – DB & Analytics testing – Alexa App testing – JSON config – Interruption testing – install/uninstall - upgrade/downgrade – touch testing – voice command testing – accessibility testing – configuration testing – connectivity testing – OTA - logs - Regression Testing – Adhoc testing – sanity testing – smoke testing – e2e testing – acceptance testing – CX – ADB&linux commands – KIOSK app test

Responsibilities Summary

- Performing testing activities; Tests & Defect management and Reporting
- Communicating the progress of testing to ensure the deadlines are met.
- Owning projects components/modules and acting as POC
- Performing agile scrum QA role and working with QA/Dev/PM/TPM/Stakeholders
- Executing and Preparing the test cases, test report, release notes and deployment guide for each agile release and Project data document writings for teams.
- Team handling and training/onboarding/mentoring team members
- Optimizing team processes, owning and maintaining internal team automation tools
- Supporting manager for project data reports; performing cross-team testing activities
- Knowledge of STLC with agile SDLC methodologies
- Key team player & IC, handling and working with multiple projects/process in a timely manner.
- Deployment across different environments for each sprint using Jenkins.
- Involving in Sprint plan meeting, daily scrum meeting
- Support DevOps, CI/CD pipelines and deployment of infrastructure as code.
- Automation framework development from scratch and project handling

Contributions

- Creating and maintaining static data for project and team processes purposes
- Optimizing test suite and Process Improvements
- Tools infrastructure maintenance
- Handling and working with two teams in parallel.
- Working on multiple projects and processes in a short span of time
- Provided solutions for Multi device flash at same time, Bug metrics from ticketing tool, BAT executable files and feature implementations.
- Introduced structured processes for sprint stories, project data, onboarding sources, suggested feature implementation for the org wide tools, formulated solutions for gaps in project.
- Writing Automation framework from scratch and automation lead activities

Achievements

- Awarded for excelling in quality and productivity in the testing process.
- Appreciation from QA teams, Managers, Stakeholders, and senior resources for Quality bugs and handling tasks.
- Well recognized throughout the team for deep diving.
- Identified as key team player in completing Daily tasks, closures, and Milestone sign offs.
- Joined in contract role and got promoted to permanent role on performance basis.
- Awarded and appreciated for process improvements.
- Proven track record as key team player & IC, quick learner, can adapt and work with multiple projects/process in a timely manner.
- Appreciation for bringing up the structured process in the team and project.
- Appreciation for my quick contributions to building up automation projects from scratch according to the client requests

Academic

Post Graduation in MCA from JNTUK in 2015

Project Title: Fingerprint Liveness Detections based on Quality Measures

Tools / DB: MATLAB R2014a | MySQL 5.5

DOB

20th June 1991

Languages known

English - Proficient; Telugu - Native; Tamil - Proficient; Kannada - Beginner; Hindi -Beginner