

Brinda P.

Profile

A Software engineer with 10+ years of experience in software industry and have been exposed to different types of roles and responsibilities. Started with the software development path and then moved towards testing to gain experience at different level of product development life cycle. Gained both manual and automation testing experience and had played a role of mentor to groom team members for the project techstack.

Skills

JIRA Project Management Software	● ● ● ● ●	Testrail Test Management Software	● ● ● ● ●
Agile Project Methodology	● ● ● ● ●	Amazon Web Services Cloud Technology	● ● ● ● ●
CodeceptJS Automation Framework	● ● ● ● ●	Cypress Automation Framework	● ● ● ● ●
GIT Version Control Software	● ● ● ● ●	Kibana Data Visualization	● ● ● ● ●
Mocha API Automation Framework	● ● ● ● ●	REST API Web Services	● ● ● ● ●
Core Java Programming Language	● ● ● ● ●	Java Script Programming Language	● ● ● ● ●
Jenkins DevOps	● ● ● ● ●	NI LabVIEW Programming Language	● ● ● ● ●
PostGres Database	● ● ● ● ●	Smarter ASP.NET Hosting Server	● ● ● ● ●

Professional Experience

QA Consultant , <i>Mplify Tech Services Pvt. Ltd</i>	03/2019 – present Gandhinagar, India
LabVIEW Support Lead , <i>Soliton Technologies Pvt. Ltd</i>	08/2017 – 02/2019 Coimbatore, India
Senior Project Engineer , <i>Soliton Technologies Pvt. Ltd</i>	08/2015 – 07/2017 Coimbatore, India
Project Engineer , <i>Soliton Technologies Pvt. Ltd</i>	05/2013 – 07/2015 Coimbatore, India

Education

B.E. Computer Science and Engineering,
Kongu Engineering College (Autonomous)
CGPA of 8.74 / 10

05/2013 | Perundurai, India

Awards

Star Soliton 2018
For the video tutorials created for complex GUI Software which was used to train the engineers at customer's place.

Innovator of the year 2018
Was a part of the team that received this award for the excellent framework and high-quality deliverable.

Supplier Excellence 2015
Was a part of the team that received this award from *Texas Instruments*

Projects

Web Based Console For Selling Refurbished Products 03/2023 – present

Summary

This project is a solution to enable selling of refurbished products. This involves portal for buyers and sellers along with CMS module. Aims to encourage products' reusability and provides an user-interactive platform for domestic sellers to be able to sell their preloved products.

Roles and Responsibilities

- Responsible to manage team of 10 members
- Responsible to co-ordinate within team and clear the blockers
- Involved in Project Management Activities like SCRUM, task delegation, User Story Discussion and Defect Triage
- Tracked all Project related tasks via Trello Board
- Involved in Code deployment in SmarterASP.NET Server and AWS Elastic Beanstalk Server
- Worked on Mocha API framework and Cypress framework

Web Based Management Console For Data Leak Protection

Summary

This project is a solution to prevent data leaks at enterprise level. This involved an agent installed at client PC which would monitor the user activities and if in case it identifies any sensitive data being transferred out of the organisation by any means, then it sends an alert to the web based management console which is managed by Admin. Admin then can take the required actions on the user.

Roles and Responsibilities

- Worked on manual and automation testing of UI
- Involved in designing end-to-end scenarios
- Used Cypress Framework for automating unit tests and CodeceptJS framework for automating end-to-end scenarios
- Was involved in customer interactions
- Led team of 3 persons which involved cross functional skills of both Backend and Frontend automation

Web Based Endpoint Management Console

Summary

A Complex, microservices based solution, developed to manage end-user mobile devices by restricting the access privilege based on behaviour. Involved usage of Amazon Web Services for deployment and tools like Kibana and Grafana for monitoring data.

Roles and Responsibilities

- Worked on both manual and automation testing of UI and API
- Involved in SCRUM and Validation phase at both the test planning and execution level
- Handled customer interactions
- Groomed team members in the project by imbibing the dynamic changes that product was undergoing being an innovative emerging product
- Led and managed a team of 4-5 members involving both manual and automation QA

Zero Code GUI

Summary

A framework GUI that enables the developer to design the software module with zero-code. This software allowed user to drag and drop blocks and configure them to perform required operation.

Roles and Responsibilities

- Done regressive testing to ensure there are no usability or functional bugs in the software under testing.
- Consistently ensured high quality deliverable with almost no bugs
- Developed descriptive test plans for each module covering all possible test cases
- Created process documents of the overall testing process that made role transformation easier and efficient
- Created video tutorials for GUIs for training the engineers at customer place and thereby reduced the total man-hours for training to a larger extent

Analog and Digital Mic Testing

Summary

A software based solution that allows to perform testing on Analog and digital mic by integrating NI TestStand and NI LabVIEW.

Roles and Responsibilities

- Developed software modules that were integrated into Digital and analog mic testing and automation software that was designed in NI TestStand
- Involved communication between NI LabVIEW Application and NI TestStand sequence to perform tests on Digital and Analog Mic devices
- Created User Interactive custom Installers using NSIS and Inno Script

Signal Conditioning GUI

Summary

A highly scalable solution designed using NI LabVIEW to interact and test multiple sensors by loading them based on the configuration. This allows test engineer to set different values on the chip and validate if chip sends the properly conditioned data.

Roles and Responsibilities

- Architected and developed EVM GUI Framework that was capable of loading multiple GUIs during runtime using plugin based architecture
- Handled requirements for multiple customers ensuring the quality deliverable.

EVM GUI for IC Validation

Summary

GUI that allows the validation engineer to test and validate an IC by interacting with it via UI.

Roles and Responsibilities

- Developed EVM GUI for IC validation that involves continuous data analyzing and viewing capabilities

Technological Interests

DevOps | Machine Learning | Web Development

Languages

English | Gujarati | Hindi | Tamil