SHIVANI JOSHI

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CAREER SUMMARY

- Developing and maintaining **E2E automated testing framework**, designing and implementing tests, debugging and defining corrective actions and executing exploratory and automated tests to ensure product quality using **Cypress Automation Tool**
- Implemented **cross browser** testing, Snapshot testing using Applitool API with Cypress
- Experienced in Manual Testing, Front-end (UI) testing and good knowledge in **back-end testing**, data validation, security and **API testing** using **Postman**
- Reviewed the performance of the endpoints by targeting the **request sent vs request consumed** and analyzing user response on various time lapse API
- Expertise in **Agile (Scrum) methodology** with hands on experience on version control using **Git/GitHub**, and used **JIRA** for Project Management and bug tracking
- Elevated Automation Smoke / Regression framework from **26% to 53%** in last 6 months
- Performed load testing against internal applications and services using **artillery.io and JMeter** by simulating realistic load on complex applications by deploying concept of virtual users, that arrive to use the application in phases and monitor systems performance and analyzed results using HTML reports
- Identified functionality and performance issues, including: **deadlock conditions**, database connectivity problems and **system crashes under load**

SKILLS

Automation tool : Cypress io, Selenium WebDriver

Scripting language: JavaScript

Version control : Git, GitHub, Bitbucket

API testing : Postman

Performance/Load test : JMeter, Artillary

Test management : JIRA, TestRail

Methodology : Agile- Kanban, Scrum

DBMS: MySql, Sql Server, Postgres, MongoDB

Web-based Frameworks: Node.js, React.js

WORK HISTORY

Test Automation Engineer, 06/2018 to 03/2020

Alteris Group LLC – Windsor, ON

- Performed system, acceptance, regression, functional, API and performance testing on applications using both automated and manual testing methods
- Developed manual test cases and QA guidelines documents for Ford growth audience website, QA content, visuals and audio for E-learning courses for Ford and FCA
- Automated back end testing of web services by writing **Postman** test scripts to **automate API testing**

- Wrote **Artillery scripts** for performance testing
- Ran Regression testing on **Jenkins (CI pipelines)** and analyzing the root cause of failures to improve the pass percentage
- Knowledge about **Docker image based** deployment integrated with **Bitbucket CI-CD pipeline**

Embedded Software Engineer, 04/2018 to 06/2018
Incosa Solutions – Hamilton, ON
- Designed and tested applications for new contoller models, modified existing projects to add more features as per customer request
- Programmed and tested I-C4C controller and wrote production sheets to the job required
- Worked with VFDs , laser sensors , temp sensors and helped assist customers with onsite troubleshooting and programming of our systems
- Performed onsite commissioning of incosa systems installed onsite
- Managed and automated controls of I-C4C using IOT hardware and software
- Programmed Linux controller to add new IOT features and help transition into the IOT market

Software Quality Assurance Engineer, 11/2017 to 03/2018
NCR – Waterloo, ON
- Created/Updated UI automation functional testing scripts using Selenium Webdriver using Cucumber
- Worked on testing internal platform web and mobile web for clients. It consists of different modules such as rewards programs, point system, reward pay card, payment processing, and CRM
- Created test scenarios, test cases, and test scripts mapped to business requirements from a test plan to ensure each probability is covered, using **requirement trace-ability matrix (RTM)**
- Worked on a project of **embedding and testing modules of ATM** (Scalable Deposit Module) that accepts a deposit (cash, cheque, and mixture of both) with random alignment
- Modules are programmed using different micro-controllers as per their function in ATM. Hence designed test cases for the functionality of hardware and software
- Conducted **training sessions** for the team of testers to carry out repetitive testing on the manual test cases

EDUCATION

Ontario College Graduate Certificate: Embedded System Development, 2017
Conestoga College Of Advanced Learning & Technology - Kitchener, ON

Bachelor Of Engineering: Electronics & Communication, 2015
Gujarat Technological University - Gujarat, INDIA