SANJAY GURUNG

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Professional Summary

Senior QA Test Engineer with an experience of Front-End Development, looking forward to leveraging my blend of expertise to ensure optimal software performance.

Skills

Front-end: Angular/ NgRx, React JS/ Redux, Javascript, TypeScript, ES6, HTML5, CSS, Bootstrap
Back-end: Node.Js, Microservices, RabbitMQ, Express.Js, REST APIs, MongoDB, MS SQL, IBM I Series
Database: MongoDB, MS SQL server, IBM- iSeries (AS400)

Test technology: Cypress, React Testing Library, Chai, Jasmine, Karma, Protractor, Selenium WebDriver, NUnit, JUnit, TestNG, C#, Java, Python, Pytest, Saucelabs, LoadRunner, Postman, SoapUI, WCF-storm, MTM, Jira
Environment: Azure DevOps, CI/CD build process, Docker, Kubernetes, Jenkins, Git, TFS, Argo CD, Data Dog, SCRUM

Work History

Senior QA Engineer   09/2020 – 06/2022
Legalzoom.com, Inc – Glendale, CA

- Oversaw test automation efforts – including but not limited to maintaining/improving existing test automation frameworks, extending test coverage on both UI and API sides, re-factoring of code to increase code re-usability and readability etc.
- Lead the effort of creating POCs (Proof of concept) on test automation solutions for various systems/applications.
- Worked on creating new test automation framework using Cypress for replacing existing Selenium automated tests for one of the high-value applications of the company and actively participated in expanding the test coverage in the same framework.
- Advocated Shift-left testing approach and helped teams embrace it – couple examples being embedding automated test execution as one of the stage in the CI build pipeline and locally testing Pull Requests.
- Took ownership in leveraging Jenkins and docker for creating/maintaining various jobs for executing automated tests in CI build pipelines and exploit Jenkins ability to run docker containers in parallel to perform parallel test execution.
- Lead the effort of optimizing current test automation suites – one example being mocking API responses to directly load the page to be tested resulting in faster execution and eliminating test flakiness.
- Implemented strategies and benchmarks around best coding practices and established standards like adding testId attribute for the elements that are interacted with in the test etc.

Front End Developer   02/2018 to 03/2020
Station Casinos – Las Vegas, NV

- Collaborated with Scrum development team members to design, build, test and improve UI features and functionalities in Angular with Node Js and MongoDB in the backend.
- Added a new module in the company's legacy web application leveraging Angular features and maintaining states using NgRx.
- Maintained and modified existing in-house web application for improving user experience and ensuring scalability.

- Wrote unit test and maintained code coverage using Jasmine and Karma.
- Involved in Code review, CI/CD build process, deploying docker image in AWS cloud and prod smoke test.

Senior QA Test Engineer   01/2012 to 02/2018
Station Casinos – Las Vegas, NV
- Developed end-to-end test automation suites in javascript for angular web applications utilizing Protractor framework
- Expanded test coverage in the existing regression suite by automating all the API routes used in an enterprise level using python.
- Involved in design and implementation of Selenium WebDriver automation framework for Smoke test and regression test using TestNG.
- Responsible for executing tests manually as well as setup rules and schedules to trigger off test execution automatically via Jenkins.
- Extensively worked on SQL queries and Stored Procedure calls for data validation and also worked on validating JSON documents in MongoDB.
- Responsible for taking full ownership of QA environment, thereby performing QA deployments, running selected automated regression suites and fixing configuration issues.
- Acquired domain knowledge of various generic/ proprietary systems common in Gaming and Hospitality field including Patron Management System, Infogenesis POS, LMS, IGT's products etc.

Intern/ QA Analyst   01/2011 to 10/2011
TMW Systems Inc. – Oklahoma City, OK
- Responsible for creating Test plan, writing manual test cases and executing them.
- Involved in all level of testing including smoke testing, functional testing, integration testing, regression testing, load/ performance testing and backed data validations.
- Performed data-driven testing of web services using SOAPUI.
- Developed LoadRunner test scripts for various web services, tailed to simulate load based on the requirements.

Technical Support Representative   10/2007 to 11/2008
Worldlink Communications – Kathmandu, Nepal
- Diagnosed and resolved hardware and software issue related to internet connectivity, email clients, VOIP and more.
- Served clients by configuring necessary hardware to set up new internet connection.

Education

Master of Science: Computer Engineering   04/2011
Oklahoma Christian University - Edmond, OK