HEMANATH VEERAMANI

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Professional Summary

Seasoned Senior Test Analyst with over 10 years of experience in software testing, specializing in **test automation using Selenium with Java and Python.** Highly skilled in designing and implementing scalable automation frameworks including **TestNG, BDD (Cucumber), and Robot Framework**, driving significant improvements in testing efficiency and software quality. At Cognizant, consistently delivered robust test strategies and optimized automation pipelines, resulting in reduced defect rates and faster release cycles. Adept in Agile methodologies, fostering cross-functional collaboration and mentoring teams to achieve high performance. Recognized for technical acumen, strategic thinking, and a strong commitment to continuous improvement in testing practices.

Skills

- Test automation expertise
- Selenium
- **TestNG**
- **Robot Framework**
- GitHub Copilot
- Test planning
- Process - Agile Methodology

- Manual testing
- Language Skills - **Java and Python**
- **Cucumber**
- API Testing - **Postman, Rest Assured**
- Project management
- Defect Management tool – JIRA
- Other skills – **SQL**

Accomplishments

- Started as a QA Analyst in developing the LEO (Toyota) project from scratch and now leading the project as Senior Test Analyst with a team of 4 members.
- Implemented Python based Robot Automation Framework to complete the automation backlog faster.
- Successfully completed the automation of an application with over 400 test cases in 3 months with 2 members using TestNG automation Framework.
- Been a star performer multiple times and have received appreciations from clients on numerous occasions.

Education

B.Tech: Electrical, Electronics And Communications Engineering   04/2012
Bharathiyar College of Engineering And Technology - Karaikal

Work History

Senior Test Analyst   01/2019 to Current
Cognizant – Chennai, TN

- Led a team of testers (4 Members) to ensure timely delivery of high-quality software products
- Supported successful product launches with thorough end-to-end testing of all features and components
- Reviewed test cases created by team members to ensure accuracy, completeness, and adherence to established standards
- Enhanced software quality by identifying and resolving critical defects before product release
- Reduced testing timeframes by automating repetitive test cases using Robot Framework Automation for regression testing
- Established standards for best practices in test automation, leading to improved code quality across projects
- Mentored junior team members, improving their technical skills and overall productivity
- Actively participated in team meetings to share knowledge, exchange ideas, address challenges, and collaborate on potential solutions

QA Analyst   04/2016 to 01/2019
Infonovum Technologies Pvt.Ltd. – Chennai, TN

- Improved software quality by designing and executing comprehensive test plans
- Built automated test scripts to handle repetitive software testing work using Quality First automation tool
- Identified opportunities for automation, implementing script-based tests to minimize manual effort and increase accuracy
- Reduced defect leakage rate by implementing rigorous regression testing strategies during multiple project phases

QA Trainee   04/2015 to 03/2016
SSG Consulting Pvt.Ltd. – Puducherry, India

- Improved product quality by conducting thorough testing and identifying areas for improvement
- Improved software quality by conducting thorough manual and automated testing
- Adapted quickly to new tools and platforms, optimizing their use for maximum efficiency during testing cycles
- Supported development team in implementing effective QA methodologies throughout the project life cycle

Projects

Loyalty and Engagement Opportunity (LEO) is an intuitive and easy-to-understand platform you will see to display the Toyota Loyalty and Engagement metric and breakdown of Active, Inactive, Not Engaged, and Cross Active customers.

LEO helps dealer to identify loyal opportunities, take action to maintain or improve loyalty and develop the dealer's business.

Roles and Responsibilities:

• Extensive **Business knowledge**, domain expertise and strong understanding of Software Development Life Cycle (SDLC).

• Implemented **Python** based **Robot Framework** automation tool for automating the Regression Test Suite faster.

• Utilized **GitHub CoPilot** in the Test Case designing and on sprint automation of regression test suite.

• Utilized **Sauce Labs** for cross-browser and parallel testing, ensuring comprehensive test coverage across different platforms and browsers.

• Executed Automation scripts through **Jenkins** pipeline as well as **GitHub** actions and Script maintenance using Git.

Guest Engagement Platform (GEP) is a valuable customer support application designed specifically for Toyota Motor North America (TMNA). Built on the Salesforce Service Cloud, GEP serves as a centralized hub for the service desk or customer support team.

Roles and Responsibilities:

• Guided a team of 2 testers in developing and executing **automated test scripts** using Selenium WebDriver and Java to automate regression testing.

• Utilized **TestNG** framework for test case management, reporting, and data-driven testing.

• Implemented **Page Object Model** design pattern for reusable test automation components using Selenium WebDriver and Java

• Contributed to the design and implementation of a robust **automation framework**

• Utilized **Sauce Labs** for cross-browser and parallel testing, ensuring comprehensive test coverage across different platforms and browsers.

• Executed Selenium Automation scripts through **Jenkins** pipeline as well as **GitHub** actions and Script maintenance using Git.