STEPHY SAJI DANIEL

Argyle, TX| (737)414-9003| stephy.daniel99@gmail.com|LinkedIn | Medium | GitHub | Tableau

QA Automation Tester:

Highly motivated QA Automation Test Engineer with a strong foundation in test automation frameworks and tools. Adept at coordinating cross-functional teams, implementing efficient release processes, and optimizing QA strategies to enhance software quality. Quality controlled and organized, skilled in identifying and resolving bottlenecks to streamline workflows and meet project timelines. Strong troubleshooting skills, receptive, reliable, passionate about technology and a dedication to continuous improvement.

Technical skills:

Programming Languages	Java,J2EE, JBehave,SQL,Python,JSP/Servlets,HTML, JavaScript
Testing Tools	Selenium,Seetest,Appium,HPQC,RESTfulservices, Postman API
CI/CD	Jenkins, Bamboo
Database	MySQL Server & MYSQL Workbench
Build Automation Tools	Apache Maven, Apache Tomcat
Defect Management System	Jira & Bugzilla
PM Tools	Microsoft Office, Visio, Jira, ZohoProjects, Git, SVN, Eclipse IDE, Jupyter Notebook, PyCharm
Management & Analysis	Agile Project Management, Project Planning & Execution, Release Management, Stakeholder Engagement, Test Management, Risk Assessment, Business Documentation, Data Analysis
OS	Windows, Linux
Machine Learning Libraries	NumPy, Pandas, seaborn, matplotlib, Scikit-learn
Analytics tools	Tableau, Quicksight, Microsoft Excel
Cloud Technologies	AWS

Projects:

- Per Scholas Capstone Project
- Capstone Project-URL Prediction to determine Malicious or Non-Malicious (GitHub).
- Capstone Project-Customer Churn Analysis to determine specific conditions in which customers have left or have been with the Bank for a longer time. (Tableau).

Education:

- Per Scholas QA Automation Training powered by Options Clearing Corporation (OCC)
- Bachelor of Engineering in Electrical & Electronics Engineering, MBCET, Trivandrum, Kerala, India- (April 2007-May 2011).

Certifications/Training:

- AWS Certified Cloud Practitioner- Issued on (November 2022-November2025).
- Datamites Bootcamp training on Data Science-(February2021-September2021).
- Experitest Seetest Certified Test Automation Engineer- Issued on (November2015).

Awards and Achievements:

- HCL Spot Award Above and Beyond Performance Award (HCL, Continuous Testing & Operations Service Team).

Professional History:

Lead Engineer | HCL Technologies, India-(June2012-January2018)

- Led the deployment team of **HCL ERS** CTOS project, where I have deployed and tested a **Test Automation Framework (TAF)** which enables faster QA turnaround and saved manual test effort by 85%.
- **Gathered Customer requirements** and provided **demo** on TAF to a larger audience.
- Created **Functional Requirements document, System Requirements document, Troubleshooting document** for TAF.
- Deployed TAF along with **Selenium + TestNG** as Test Automation Engine for automating sanity test suite, written **BDD + Keyword driven** test scripts and effort for test scenario creation reduced by 80% in comparison to traditional test creation.
- Imported test cases from **HPQC** and integrated with (**CI/CD**) pipelines (**Jenkins** & **Bamboo**) and defects posted in **Jira.**
- Performed **Smoke Testing** and **Regression Testing** on the TAF software build, **Functional Testing, Performance Testing, Load Testing** on application under Test in Web Applications **(Selenium)** and **Mobile Applications (Appium** and **Seetest)** & provided traceability matrix to the stakeholders.
- Deployed Application war files on **Apache Tomcat** server in **EC2** instances and connected with **MySQL** server and triggered testing from **TAF** Terminal side.
- Expert in **Troubleshooting** the issues during Application deployment and testing.
- Participated in **technical design** sessions, working with technical resources, to provide insight during solution development.

Software Engineer| HCL Technologies, India-(September2011-June2012)

- Coordinated and facilitated **release planning** meetings, ensuring clear communication of release scope, timelines, and dependencies.
- Conducted impact assessments and coordinated with business and technical teams to identify and **mitigate risks** associated with software releases.
- Worked closely with development and quality assurance teams to ensure proper **configuration management**, **version control**, and **deployment** of software releases.
- Collaborated with infrastructure and operations teams to coordinate and schedule deployment activities, ensuring minimal disruption to banking operations.
- Developed and implemented standardized release management processes, including **release planning, risk assessment, change control,** and **post-release analysis.**

Perscholas Training -(August 2023-Present)

- I have worked as a Junior Developer under the guidance of a Senior Java Instructor. I learned best practices and developed Java Applications and SQL.
- I continuously improved my coding skills and problem-solving abilities through mentorship and self-directed learning.
- Currently I'm a Junior Software Developer/Tester with passion to advance my software development and technical skills.

- By the end of my Internship, I will develop a full-scale Enterprise Software Application Testing Environment. I will be applying all essential Java core programming structure and SQL.
- The below table shows the programs written and concepts learned from **August - October**

Java Programs Created	Concepts used
Cafe Billing	Print Formatting of Cafe Receipt
U.S. federal personal income tax Calculator	User Input using Scanner class, switch case statements & if else statements
Student Grade Calculator	Nested If statements with Logical and relational operators
Future Tuition Fee Prediction	While loop
Multiplication Table	For Loop's
Palindrome, Anagram, Pangram, String Reverse, Find Vowels, consonants and special characters	String Inbuilt methods and Character arrays.
Banking Application	Java Compositions, ArrayList,Encapsulation,do-while loops, switch case statements, Static variables, Static Methods, Constructor Overloading, Array methods, Manual Testing
Exception	Arithematic Exception, ArrayIndexOutofBoundsException, StringoutofBoundException, IllegalStateException,NullPointerException,IOException, NumberFormatException
Programs on OOPS	Method Overloading, Method Overriding, Constructor Overloading, Encapsulation, Polymorphism, Inheritance and Interface
Problem Solving on Hacker rank	**Hackerrank**

Learnings on SQL

SQL	SQL Clauses, Aggregate Functions, JOIN tables (Left join, Right Join, Cross Join & Inner Join)

Volunteer Experience:
Real Estate Analyst |Trusted Realty LLC -(November2021-June2023)
Web Designing | Don Collins Café & Cigars-(May2018-November2018)