**Sandhiya Elangovan** **E-mail**: anushasandy2000@gmail.com

Automation Engineer **Mobile**: +91-7092744551

<https://sandhiyae06.github.io/Resume/>

**OBJECTIVE**

Looking for a challenging and responsible position in the field of QA (**Quality Assurance) Automation Engineer** andto utilize my skills and ability that offers professional growth while being resourceful, innovative, and flexible

**Summary**

Over 3.5 years of extensive experience in IT with the emphasis on Quality Assurance Testing with exposure in Automated Testing. Has good experience to work with automation testing team and project in most efficient way. Versatile, quick-learner, willing to embrace new challenges

* Extensive experience/Knowledge in all phases of Test Automation including Requirement gathering & Analysis, Test Automation Framework implementation, Test Estimation, Test Script development, Script execution, Test report generation and assisted developers in resolving defects Using Selenium, and API testing using Rest assured
* Worked on Microsoft Azure dev-ops
* Expert in Test Automation Framework development using Tools such as Selenium WebDriver, TestNG, Maven, Cucumber
* Hand-on experience in parallel execution and cloud execution
* Hands experience on Cognizant open source automation frameworks such as CITS, CRAFT, Cloud native
* Extensive experience in Coding Java, HTML, CSS
* Good interpersonal skills, commitment, result oriented, hard working with a quest to learn new technologies and zeal for challenging tasks
* Learned and have fair experience in different domains in BFS (ING bank, TSB), HealthCare (Wellmark, Blue Cross and Blue Shield of Alabama), Insurance(Alfa), Life Science (Biogen, Regeneron), etc.,
* Experienced in collaborating within a virtual team environment both onshore and offshore.
* Demonstrated ability to work on multiple projects simultaneously and to prioritize and balance multiple tasks
* Excellent Organizational, Analytical, Problem-solving skills and ability to quickly learn new technologies at a faster pace

**PROFESSIONAL PROFILE**

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| **Organization** | **Designation** | **From** | **To** |
| Cognizant Technology Solutions | Programmer Analyst | 28-Nov-2020 | Till date |

**Technical Expertise**

**Automation Testing Tool** : Selenium (WD, IDE, Grid), Rest assured, Postman, Appium, Winium, Sikuli

**Automation Framework** : TestNG, Cucumber BDD, Data Driven, Keyword Driven and Hybrid

**Test Management Tool** : Azure Test Plan

**Language**  : Java, Python and JavaScript

**Continuous Integration** : Azure Dev-Ops, Jenkins, GitHub Actions

**Version Control Tool** : GitHub, Azure Repos

**Containerization Deployment** : Docker

**Education**

* 2022 – 2024: Master of Business Administration in Human Resource Management from University of Madras.

Percentage: 72/100 (till IIIrd semester)

* 2017 – 2020: Bachelor of Science in Physics from Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya (Deemed to be University), Kanchipuram.

CGPA: 9.17/10

**ACHIEVEMENTS:**

* Received Multiple Thank You Notes/Appreciations
* Received Best GenC Award for Q3 2021 - Recognized for outstanding contributions to client delivery support and enablement
* Received Forum Contributor Award for H1 2022

**CERTIFICATIONS:**

* Azure DevOps – AZ400
* Azure Developer Solutions – AZ204
* Microsoft Azure Fundamentals – AZ900
* Azure Administrator – AZ104
* Azure Data Fundamentals – DP900

**Project OVERVIEW**

**Project #**

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| **Project Name** | Cognizant Tech CoE |
| **Role** | Technology Engineer |
| **Client** | Cognizant |
| **Duration** | Apr 2021– Till date |
| **Tool/ Technologies** | Selenium version 3 & 4, Rest Assured, GitHub, CITS(open sourced tool), Appium version 1 & 2, Docker, GenAI |

**Description:**

Tech CoE extends support across the service lines on various automation solutions and tools owned by CoE such as CITS, CRAFT, Cloud native framework on a need basis. Also responsible for enablement’s and R&D on the automation solutions for delivery teams across the organization. Manage the adoption and integration of Cloud services. Contributing to the organization to move into the next level of maturity model.

It’s the team for solution development and post-implementation solution support to customer’s requirement.

**Responsibilities:**

**Client deliverables and POC:**

* Conducted Proof of Concept for automating test scripts for Caterpillar web and mobile applications.
* Developed demonstration test scripts using Taco Bell applications to showcase automation capabilities to NC LC customer
* Created Test scripts with pilot flying application to show demo to Pilot travelers customer
* Conducted over 40 virtual demos on web, mobile, and API automation for prominent clients, including Northern Trust, LSG-Beta NXT, EY, RBC, Network rail, McKinsey, McD and others.
* Delivered cognizant internal presentations on CITS features to 30+ accounts, including EY, Northern Trust, Blue Shield of CA, Cigna, AIG, Alfa mutual and more

**Tool/Framework maintenance and migration:**

* Involved in CITS version 2.0 SAST/DAST, Alpha and Beta testing before release
* Containerized CITS Image in Docker and implemented CI/CD using Azure DevOps
* Successfully upgraded CITS 2.0 (selenium 3) framework into CITS 3.0 (selenium 4) with all the related features
* Maintain the open-sourced automation frameworks’ source code in cognizant internal Git-Lab / GitHub

**Trainings Given:**

* Conducting enablement sessions and Bootcamp for technology enablement for different projects and portfolios in QE&A-Cognizant
* Worked on QA to QE transformation activity and trained and transformed 50+ Manual testers into Automation Testers
* Conducted Core Java and selenium automation training for PDP associates
* Assisted other SMEs by sharing training materials for Selenium and API training
* Set SBA (Skill Based Assessment) and KBA (Knowledge Based Assessment) for selenium framework
* Evaluated as selenium SBA evaluator

**Mentor for GenC associates:**

* Served as a buddy-mentor for two batches of automation associates (40+ total) in the 2024 program.

**Other Contributions:**

* Analysing and Understanding the business and functional requirements from different accounts
* Communication and resolution of the automation related technical issues on a day-to-day basis
* Reporting - Provided the Daily Status reports, Weeks status reports and key metrics for the stake holders and clients
* Involved in peer review and the final review of the test scripts for the CITS user accounts
* Provided 500+ on-time automation technical support to multiple accounts in the year 2023-2024 which impacted immediate solution to the blocker
* Provided solution for queries raised on automation communication forum
* Gen AI upskilling activities to support on leverage Gen AI in automation

**Project #**

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| **Project Name** | Healthcare & Insurance – Wellmark Test Lab Build Validation |
| **Role** | Quality Engineer I |
| **Client** | Wellmark |
| **Duration** | June 2023– Jan 2024 |
| **Tool/ Technologies** | Selenium 3, QUEST, JUnit, Winium, UiSpy, Appium v1, Sikuli, Test Plan ADO, DevOps |

**Responsibilities:**

* Successfully designed and executed automated test scripts using Quest/Winium on various platforms, including Citrix servers, Citrix Master Images, MacBook, and Dragonfly - thin client devices
* Developed a customized JUnit framework tailored to project requirements and integrated extent reports for comprehensive result tracking.
* Contributed to mobile automation setup and provided ongoing support
* Design the UI automation scripts for Chrome, One Drive and more application
* Design the Desktop automation scripts for Microsoft application such as Outlook, Teams, Excel, Word, Access, PDF, etc., using Winium and Sikuli
* Design the Android and iOS automation scripts for mobile browser and native applications using real test lab devices using QUEST tool
* Create functional requirements and user stories in Azure Dev-OPs Organization
* Create test plans in ADO
* Effectively designed the pipeline scripts and executed test cases and scripts within Azure DevOps CI/CD
* Developed comprehensive knowledge transfer (KT) documentation, including POC results, setup details, and tool/framework usage guidelines
* Provided extended support and conducted KT sessions for onsite resources to ensure successful project execution

**Project #**

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| **Project Name** | PS - Social Work England |
| **Role** | Automation Tester |
| **Duration** | Jan 2023– May 2023 |
| **Tool/ Technologies** | Selenium Web driver |

**Responsibilities:**

* Actively contributed to a team focused on designing and executing smoke, regression test cases using Selenium
* Designed End to End Automation to validate the Insurance Functionalities like – Quote Creation, Policy Creation, Cancel, Rewrite, Reinstate, Endorsements, Billing Renewal etc.,
* Browser Compatibility Testing for Chrome, Firefox and IE using Selenium
* Executed the designed test cases in Jenkins pipeline
* Leveraged GitHub for Code Merge and Version Control

**PERSONAL INFORMATION:**

First Name Sandhiya

Last Name Elangovan

DOB 06-Dec-2000

Gender Female

I have consistently pursued my career goals and have developed a strong ability to adapt to evolving technologies. My academic background has equipped me with the confidence and skills to complete tasks efficiently.

I hereby declare that the information furnished above is true to the best of my knowledge.