Tacio D.
Senior Senior QA Automation

SUMMARY

- Experienced software engineer with a strong focus on automation, testing, and DevOps.
- Certified SAFe 5 Practitioner with over 10 years of experience in the IT field, working with a variety of industries, including payment gateways, healthcare, and natural disaster prevention.
- Experience with Appium (3 yr. of experience) and K6 (4 yr. of experience)
- Proficient in Performance Testing with K6 and Jmeter
- Worked with prominent companies, including Johnson & Johnson, which involved some financial software components or integrations.
- Proficient in tools such as Argo-workflow, Jira, Mantis, Azure, Cypress, Selenium, Robot Framework, and Jupyter Notebook.
- Upper-Intermediate English.
- Availability starting from ASAP

TECHNICAL SKILLS

Main Technical Skills	JMeter, Appium (3 yr.), K6 (4 yr.)
Programming Languages	C#, Groovy, JavaScript, Python, R, Ruby, Scala, TypeScript
Android Libraries and Tools	Android Studio
Java Frameworks	Apache Spark
Scala Frameworks	Apache Spark
.NET Platform	Azure
Python Libraries and Tools	Beautiful Soup, NumPy, Pandas, pytest, Robot Framework, Scikit-learn
Ruby Libraries and Tools	Capybara
Python Frameworks	Flask
AI & Machine Learning	NumPy, Scikit-learn
Salesforce Ecosystem	Salesforce
Data Analysis and Visualization Technologies	Apache Spark, ETL, Jupyter Notebook, Pandas, Tableau

Security	Burp Suite
Databases & Management Systems / ORM	Apache Spark, Snowflake, SQL
Cloud Platforms, Services & Computing	AWS, Azure, GCP
Azure Cloud Services	Azure DevOps
Third Party Tools / IDEs / SDK / Services	Android Studio, Argo workflows, Excel, XCode
QA, Test Automation, Security	Appium (3 yr.), Burp Suite, Capybara, Cypress, JMeter, K6 (4 yr.), Mantis, Mocha, Postman, pytest, Selenium, SoapUI, TestLink, Zephyr
Platforms	Arduino, IBM, IOT, Salesforce, SAP
Deployment, CI/CD & Administration	CircleCI, Dapr, Jenkins, Mantis
Virtualization, Containers and Orchestration	Docker, Docker Compose, Kubernetes
Version Control	Git, GitLab, SVN
Methodologies, Paradigms and Patterns	ITIL, Kanban, Scrum
Collaboration, Task & Issue Tracking	Jira
Scripting and Command Line Interfaces	Shell Scripts
Other Technical Skills	Argo, HP ALM, httparty, Kali Linux, SPSS, Zaproxy

WORK EXPERIENCE

Senior QA, One Concern
Duration: 11/2021 – present

Responsibilities:

- Specialized in **performance optimization**, utilizing **K6** for load and stress testing. Identified bottlenecks, enhancing application response times by nearly 200%.
- Collaborated with development teams to determine key performance indicators (KPIs) and create monitoring and alerting solutions. This initiative significantly optimized application performance.

- Automated deployment processes using Argo-workflows, reducing deployment times for new features and updates.
- Leveraged expertise in Cypress, Selenium, Pytest, and Robot Framework to establish front-end and back-end automated tests, ensuring quality and reducing the introduction of bugs.

Senior QA, NTSec
Duration: 01/2021 - present

Responsibilities:

- Established and maintained tailored solutions for major companies, such as AMC Networks(USA), Johnson & Johnson (USA), ABinBev(USA), Dotz(BRA), and CGM Medical Group(ITA).
- Demonstrated flexibility and adaptability, creating a front-end framework in Ruby/HTTParty for an e-commerce company, and automated data validation steps for AMC Networks.
- Applied Cypress and Postman to formulate testing frameworks for CGM.

QA Engineer, IBM
Duration: 01/2019 - 01/2020

Responsibilities:

- Instrumental in automating backend and frontend tests using **Appium**, Ruby/HTTParty, and Robot Frameworks.
- Engaged in performance and security tests using Jmeter and Zaproxy.
- Utilized Azure/GCP, Kubernetes/Docker to maintain and scale services. Conducted code audits, integrated Dapr as a sidecar to microservices, and applied Chaos Engineering.

Senior QA Analyst
Duration: 13/02/2019 – 01/2021

Responsibilities:

- Crafted automated and manual tests for Maximo platform (ERP). Collaborated with the DevOps team to deploy QA environments.
- Conducted web tests using the Cypress framework and Selenium for legacy apps. Promoted a culture of test automation through teaching activities.

QA (Spread Tecnologia)
Duration: 01/04/2016 – 18/01/2019

Responsibilities:

- Led manual functional and backend tests for NET-CLARO Migration Project. Assured quality during large-scale database migration.
- Utilized Excel and HP-ALM to create and distribute graphs. Advanced requirements to production phase after confirming acceptance criteria with end users.

Test Analyst - Focus on test automation.
Duration: 01/04/2016 – 18/08/2016

Responsibilities:

- Concentrated on automated tests with JS and Cypress. Utilized Capybara library for web application automation.

Test Analyst, Cielo (Inmetrics)
Duration: 10/2013 to 12/2015

Responsibilities:

- Pioneered end-to-end test automation scripts using Ruby and BDD for almost 500 business scenarios. Maintained scripts in a volatile environment.

System Analyst, Nestlé (Systemplan)
Duration: 04/2010 to 03/2012

Responsibilities:

- Change and release coordination, utilizing ITIL best practices. Implemented rapid changes in as fast as one hour.

EDUCATION

- **Cruzeiro do Sul**, Data Science
- **Penetration Testing with Kali Linux** – Offensive Security - Ongoing
- Docker Layer Caching (DLC) - 2022
- DevOps Pipeline: A Hands-On in CircleCI and Configuration Management - 2021
- SAFe 5 Practitioner - Scaled Agile org 2021
- Penetration tests 101 - UNICIV 2021
- Bootcamp Ethical Hacking - UNICIV 2021
- Cypress Modern testing - Rahul Shetty Udemy 2021
- Cybersecurity Roles, Processes & OS Security - Coursera 2020
- Cybersecurity Compliance Framework & System Admin - Coursera 2020