**Sarthak Kumar Panda**

*sarthak.matrix@gmail.com*  
774-641-0160  
LinkedIn: - <https://www.linkedin.com/in/sarthak-kumar-panda/>

YouTube Channel: - *Automation Hub Sarthak*

Work Authorization: Green Card

**Professional Summary**

Seasoned SDET Automation Architect with 15 years of experience in crafting and executing cutting-edge test automation frameworks. Expert in leveraging Azure DevOps for end-to-end CI/CD solutions, including build and release pipelines, Docker containerization, and automated testing integration. Demonstrated success in optimizing software delivery processes and leading teams to ensure high-quality releases. Adept at translating complex requirements into efficient, automated solutions with a strong focus on continuous improvement and operational excellence.

**Technical Skills**

Operating Systems: Windows, macOS

Programming Languages: Core Java, Python

Test Automation Tools: Selenium, Rest Assured API, Cypress, Postman

Automated Job Management Tools: Autosys

Frameworks: Hybrid, BDD Cucumber

Assertion Frameworks: TestNG, PyTest

CI/CD Tools: Jenkins, Azure DevOps

Version Control Tools: Git, Azure Repos

Build and Compile Tools: Maven, Gradle

Code Repositories: GitHub, BitBucket

Test Management Tools: JIRA, ALM, Silk Central, RADAR, Bugzilla

Cloud Platforms: Azure

Databases: MySQL, RapidSQL

SFTP Clients: WinSCP, FileZilla

Containerization: Docker

**Education**

Master’s in Information Technology (MSIT) from Clark University, Worcester, Massachusetts (Jan 2022 – May 2023)

Bachelor of Engineering in MECHANICAL from M. Visvesvaraya Institute of Technology (2003 – 2007)

**Professional Experience**

Test Consultant

Hexaware Technologies, [Vienna, Virginia]

April 2024 – Present

* Executing Cypress Automation Test Suite as part of remediation testing from Cycle1 to Cycle2 for Loan Quality Advisor application in Freddie Mac.
* Executing API Testing Automation Test Suite as part of Regression for Cycle2 by updating necessary configuration changes.
* Integrated automated testing into CI/CD pipelines using Azure DevOps reducing release cycle time by 30%.
* Executing Batch jobs via Autosys and validating logs in WinSCP and RapidSQL.
* Spearheaded the development and integration of build and release pipelines using Azure DevOps, enhancing deployment efficiency and reducing release cycle time by 30%.
* Architected and deployed Docker images for seamless code deployment, ensuring consistent application environments across Azure servers and local agent servers.
* Executed and optimized automation test jobs within Azure Pipelines, significantly improving regression testing processes and reliability for the Loan Quality Advisor and Loan Closing Advisor applications at Freddie Mac.
* Utilized Azure Repos for effective version control, ensuring streamlined code management and facilitating smooth collaboration among development and testing teams.

Automation Architect

Wipro Technologies, [Pune, India]

July 2021 – Jan 2022

* Led the establishment and optimization of end-to-end QA Manual and Automation processes for an Energy-based client.
* Spearheaded the creation of comprehensive test cases for various features and functionalities and organized them into cohesive test suites.
* Collaborated closely with Product, Design, and Engineering teams to gather and evaluate requirements, ensuring seamless alignment between development and testing efforts.
* Demonstrated expertise in Agile Methodology by actively participating in Sprint planning, Sprint Retrospectives, Product Backlog Refinement, and daily Scrum meetings, effectively bridging the gap between development and QA.
* Pioneered the development of a robust automation framework from the ground up, leveraging technologies such as Selenium WebDriver, Java, and Cucumber (BDD), aligning it with the architectural needs of the project.
* Implemented and managed release components within Azure DevOps, optimizing the deployment workflow and minimizing manual intervention

QA Manager

NuWave e-Solutions, [Delhi, India]

Dec 2019 – Feb 2021

* Led the design and implementation of an End-to-End testing framework for IMPACT 3cs Software, utilizing the BDD Cucumber Framework, ensuring comprehensive test coverage and quality assurance.
* Served as the primary point of contact for client management and provided technical guidance and mentorship to junior QA resources, ensuring a cohesive and efficient testing process.
* Played a pivotal role in the development of test cases, use cases, and automation test scripts, aligning them with Quality Assurance best practices, and generating test execution reports for comprehensive test coverage.
* Demonstrated proficiency in using Postman for manual testing of API Rest Requests, ensuring thorough API testing and validation.
* Directed the execution of browser compatibility and regression tests using Selenium WebDriver for testing UI in every new build release, ensuring the consistent and high-quality user experience.

QA Manager

G-Cube Solutions, [Noida, India]

May 2019 – Nov 2019

* Implementing the base Design with necessary changes in the Implementation Team for various clients as per customizations
* Team Handling and Training Software Testers about Automation Testing using Selenium
* Implemented Agile Scrum process, acted as a Scrum Master. Conducted Daily stand up calls and Sprint Review meetings.

QA Lead

SRS Business Solutions, [Bangalore, India]

June 2017 – June 2018

* Automation of Functional Test Cases (Smoke and Regression) for Cisco Collaborative Knowledge
* Implementation of CI/CD using Jenkins and GitHub
* Responsible for Debugging of Selenium Scripts and identification of complex XPaths to best suit the execution
* Responsible for analysis of BRD, FRS and RTM
* Played the role of a Scrum Master and adhered to other ceremonies of Agile Scrum

Senior QA

Infinite Computer Solutions [Bangalore, India]

Sep 2016 – May 2017

* Deploying environment of various iVaults for various nodes both manually and using OCD
* System Testing of Various enterprise edition products depending on Stories for requisite Sprints
* Checking for various Clinical and Radiology workflows
* Status Reporting and Defect Tracking
* Attending Scrum level discussions for COE

SDET/BA

Exilant Technologies [Bangalore, India]

Sep 2012 – Sep 2016

* Performed Smoke, Functional, Integration, System, User Acceptance, Regression, Positive, negative, and GUI testing.
* Build and enhanced automated test framework using Selenium WebDriver, TestNG, Cucumber, Maven, and Page Object Model concepts.
* Developed java programs to enhance the test framework implementing inheritance, method overloading, method overriding, and abstract class.
* Ensure automated script works properly by locating elements using XPath and page object model (POM)
* Performed cross-browser testing for the web, and mobile application using Selenium and Sauce Lab
* Implement cross-browser and cross-platform testing with Selenium WebDriver.

Senior QA

Ness Technologies [Mumbai, India]

Apr 2011 – Feb 2012

* Working in close proximity with Dev Team
* Analysis of BRD (Business Requirement Documents) and RTMs
* Preparation of Test Suite and Test Plan
* Functional Testing of the application
* Defect Management using QC
* Preparation of Test Summary
* Special Testing of Goather - A German language based application using German Translator (successful)

Senior Programmer

Accenture [Mumbai, India]

Aug 2007 – Feb 2011

* Performed various types of testing like Smoke Testing, Functional Testing & Regression Testing on Payments (Book, Wire, Funds & ACH)
* Developed Test Scripts (Progression & Regression), Test Conditions, Input Test Data, and expected results for one or more Test Plans, Product as well as conducted End-to-End and Performance Tests
* Defined, updated, and maintained Quality Deliverables, Testing Standards & Procedures and ensured correct functionality across all environments, data sets and business processes
* Executed Test Scripts and complied with Testing Standards/Guidelines and Testing Methodology
* Undertook Defect Management using Quality Centre; documented and replicated Defects for Developers, enabling them to fix Defects faster and meet production deadlines
* Created Sophisticated Test Suites and Test Bed; performed Regression Testing and Re-Testing with utmost precision
* Ensured Enhancements Enriched Applications with special emphasis over blocks of every build

References

Available upon request.