**A picture containing sky, person, outdoor, red

Description automatically generated**

**A group of people posing for the camera

Description automatically generated**

**Shrikant Swami** [Shrikant.swami@gmail.com](mailto:Shrikant.swami@gmail.com) **+91-9884993463**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Summary:**

Proven team leading experience with **Automation framework design for Selenium (GUI), REST API, Database and Mobile apps.** Good experience **Cloud/AWS**, **Jenkins,** **Docker and Selenium Grid**.

**Synopsis:**

* Good experience in working in **SAFE (Scaled Agile)** based project as well as Waterfall.
* Algorithm design to validate website (Selenium (GUI) and REST (API)) based on category e.g. **E-Commerce, Recruitment, Ticket booking, Cab booking, Property renting, Mobile recharge, University Academics**.
* Automation framework and its building block design with following methodology: **BDD, Keyword Driven and Data driven**.
* Hands on experience automation framework design using in **Page Object Model, Page Factory, TestNG, Maven and Cucumber**.
* REST API test automation using programming (**Rest Assured, Jay Way**) and REST clients/ tools (**POSTMAN, SOAPUI Ready API**).
* Hands on experience in REST API request header settings (**Content-Type, Accept, Timeouts, Cache, Cookie**) and request body generating (**JSON/ XML, QueryParam, PathParam, FormParam**).
* Hands on experience in REST API response header settings (**Content-Type, Accept, Cache, Cookie, Access Token, Oauth**) and request body parameter handling (**JSON/ XML**).
* Hands on experience in automation framework design based on **TestNG**, **Maven**, test customization, HTML reporting.
* **Selenium Grid** set up, hub and node registration, test distribution etc with RemoteDriver.
* Hands on experience for window, frame handling, web element locators (CSS, XPATH, className etc).
* **Jenkins** **CICD pipeline** job creation (Git SCM polling, build triggers/ hooks, code download, maven build, automated tests and reporting, deploy artifacts to next environment on AWS-EC2, pre and post build actions), Jenkinsfile creation, Implemented Jenkins Master-Slave for Selenium Grid tests, Building parallel Jenkins jobs.
* AWS S3 bucket (file operations, versioning, lifecycle, EBS), EC2 instance management, CloudWatch log monitoring, API gateway creation, Lambda (Layers, Triggers, Throttle), SNS, SQS, Load Balancer, Elastic beanstalk, Kinesis basics, Auto Scaling, DynamoDB.
* Dockerfile creation, Docker container operations/ management, Docker Compose practice, Basic Docker Container Networking, Docker Swarm for application scaling. Python Docker programming for automation, Selenium Grid tests on Docker container.
* Filehandling automation in Java, Python, xlsx – Apache\_POI, pdf - PdfBox, csv, txt, properties, xml and json.
* Hands-on experience using **Linux/ UNIX commands** and Shell scripting.
* Good experience in **Database testing** using programming, **designing SQL queries, joins.**
* Participation in test case writing, analysis, review, execution, planning, bug raising strategy, requirement review.
* Interaction with the customer, providing **product demo, go live sign-offs** and presentations.
* **Team leader for up-to 15 persons** and manage QA team day to day operations (5 yrs).

**Domain Experience:**

E-commerce- 4 yrs, Education and Media- 2 yrs, Telecom- 4 yrs, Security & Access Control – 3 yrs

Project Experience:

**Title**: Ecommerce Front End GUI and REST API Test Automation for Online Gaming

**Domain & Duration**: Ecommerce and 2.5 years

**Team Size:** 15

**Tools Used:** Selenium WebDriver, **REST Assured**, Cucumber, Maven

**Description**:

Project is about **End User portal for publishing different types of games** and user journey to search latest published games, buy or subscribe to games, add funds. User journey in multiple languages based on targeted country of sale. Validated relevant REST API at each stage.

**Responsibility and Work Done:**

* **Achieved 30% time and cost saving** in Regression testing using Automation framework.
* Implemented CI/ CD pipeline using Jenkins.
* Sprint wise delivery demonstration.
* White box (GUI + API) test automation for important scenarios Login, Browse, Search and Checkout for worldwide region based customers with multi language GUI.
* **Implementation using Hybrid (BDD + Data Driven) framework.**
* Technology used Java, Rest Assured, WebDriver, Cucumber, Maven and Apache POI.
* **Page Object designed for 20+ pages.**
* Worked in a highly dynamic AGILE environment, participated in scrum and sprint meetings.
* Team lead for up-to 15 members.

**Title**: Frond End User Journey Validation for Airlines Domain Website

**Domain & Duration**: Ecommerce and 1.5 year

**Team Size:** 6

**Tools Used:** Java, Selenium WebDriver, TestNG, Git

**Description**:

Project is about End User journey while ticket booking, cancelling, searching for valid and invalid combination of source and destination airports.

**Responsibility and Work Done:**

* User Journey automation and multiple option validation for Airline ticket booking website.
* Multiple and complex test user scenario design (1-way, 2-way, modify search, search history, auto complete, cancellation, discounts, offer) and validation.
* Designed around 200+ tests and Regression automation suite(s).
* **Implementation using Hybrid (BDD + Data Driven) framework.**
* Incremental test case design and automation update based on requirement change based on each sprint.

**Title**: Journals and E-books customer Care Team Portal Automation

**Domain & Duration**: Education and 1 year

**Team Size:** 9

**Tools Used:** Java, Selenium WebDriver, TestNG, Git, POM.xml, REST Assured, POSTMAN

**Description**:

Project is additional functionality validation for Customer Care Portal in terms discounts, fund management with 3rd party tool called Advantage. Focus on REST API at individual module level and additional scope for multi browser compatibility testing.

**Responsibility and Work Done:**

* Automation (GUI and API) for journal discounting and distribution customer care portal for a university level academic publisher vendor in Oxford.
* Automation E-books customer care portal in terms of order placement, tracking.
* Assisted stake holders with automation strategies, test planning and follow up.
* **Found defects at requirement level** as well as functional defects with traceability matrix.
* Extensively automated regression and functional test suites by developing over 200 test cases, 6 test suites using Selenium WebDriver, JAVA.
* Configured Maven for JAVA automation projects and developed Maven project object model (POM.xml).
* Team lead up-to 8 members.
* BDD framework used along with test scenario design in accordance with business managers.

**Title**: Online Exam and Relevant Portal Automation

**Domain & Duration**: Education and 1.5 years

**Tools Used:** Java, Github, Jenkins, Maven, REST Assured, WebDriver, Xpath, CSS

**Team Size:** 6

**Description**:

Project is about online exam. Institute, Teacher, Moderator, Student registration, publishing exams, attending exams, publishing results, exam assessment, fee payment etc.

**Responsibility and Work Done:**

* Automation for number of modules such as online classroom test, assessment, result publishing, student and institute registration, fee payment, e-book subscription.
* Focus on REST API and GUI and Database testing.
* **Designed complex multi module based REST API tests and GUI automation as well.**
* **Found multiple defects based on multi module interaction for API response.**
* Automation **shift left concept** implemented which is easy for developers to run API regression tests for intermediate release.

**Title**: Automation for Customer Facing Portal,

Money re-charges and Service Subscription

**Domain & Duration**: Education and 1 year

**Team Size:** 3

**Tools Used:** Java, Selenium WebDriver, Github, Jenkins, JDBC, MYSQL

**Description**:

Project is user facilitation. Upgrading legacy services with enhanced feature with better response. Scope is to validate new services and comparing response with legacy services at GUI, REST API and Database level.

**Responsibility and Work Done:**

* Automation for audio, video streaming services, content management, content publishing and licensing in terms of security, bandwidth, outage and alerts.
* Entertainment and Sports channel service subscription management portal automation for front end and back end (API, content streaming) modules.
* Technology used Java, Rest Assured, WebDriver, Cucumber, Maven and Apache POI, Python.
* Involved in planning and estimating and arranging team meetings and workshops.
* Assisting in developing and maintaining test methodology.

**Title**: Mobile application testing using Java programming and Cloud tools

**Domain & Duration**: Security and Access Control and 2 year

**Tools Used:** Java, Appium, Github, Docker, Jenkins, BrowserStack, SeeTest,

**Team Size:** 2

**Description**:

Project is user Android and iOS mobile app validation. Fresh app is launched for domestic CCTV users to control home equipments and online AV streaming and recording.

**Responsibility and Work Done:**

* Automation for user journey in mobile app in Android using Appium.
* Manual testing for IOS devices for same user journey on BrowserStack.
* White box testing by analyzing ADB level logs for user actions and providing feedback.
* Assisting in developing and maintaining test methodology.

**Organizational details:**

Cognizant Technology Solutions |Bangalore | Sr. Associate | Aug 2013-Jan 2019 |3 project

Tech Mahindra |Chennai | Sr. Tech Analyst | May 2013-Aug 2013 |1 project

Cisco Video Technologies (NDS) |Bangalore | Engineer – QC | Dec 2009-May 2013 |5 project

Kopera Software |Pune | QA Engineer | Apr 2008-May 2010 |3 project

**Education:**

Bachelor of Industrial Electronics (67.7%).

**Contact: +91-9884993463**

**References**: Available when required

RPA Batch

RPA Batch

RPA Batch