

Yunion Portal

<https://portfolio.yunion-portal.com>

Extensive expertise as a Sr. Lead Software Development Engineer in Test (SDET) leading and implementing from scratch API/Android/iOS/Front-end Web Browser UI Automation Frameworks with Java/C# Development for Desktop / Tablet / Mobile Web and App Platforms using TestNG, POM and Modular framework with Data / Keyword robust strategies alongside (PageFactory, DataProvider, Maven, ITestContext, ExtentReports, Selenium WebDriver, Chrome Mobile Browser Emulator, Appium, AWS, Selenium Grid / Parallel ThreadLocal executions, Jenkins and GIT).

CERTIFICATIONS

AWS Certified Solutions Architect - Assoc. -Validation #: 3042LRB1KF111LCJ -Validate @<http://aws.amazon.com/verification>

TECHNICAL & PROGRAMMING SKILLS

Continuous Test Automation: Selenium Grid, WebDriver API, TestNG, ChromeDriver Mobile Emulation, Appium Framework: TestNG, Synchronized DataProvider ThreadLocal(Parallel Executions), Robust XLS ITestContext Data Reader CI // CD: Jenkins, AWS CodePipeline, GitHub, GitLab, TeamCity // Java, Maven, GIT, AWS CodeBuild General: Jira, API, JSON, REST, ExtentReports, Custom XPATH, SQL, SSRS RDLs, HTTPS, DOM, VPN, SSO, G-Suite, VMs. CIS IT experience with Windows OS Environments including Successful AWS, Jenkins, Selenium Framework, Grid, DevOps and various IT MIS Courses. Significant expertise administrating Microsoft/Java systems & appreciate learning the new tools and technologies.

PROFESSIONAL EXPERIENCE

Verizon Wireless / Piscataway NJ

2015-2017

Sr. Lead SDET / IT SMTS / AWS CSAA – 1yr Contract + 1yr Extension

Developed advanced production level implementations of these technologies from scratch: Web Browser UI Automation / WebDriver Mobile Emulator / Selenium Grid / Jenkins CI / JAVA Maven & GIT CD

- Successfully implemented from scratch the continuous automation on AWS EC2s by using the below framework to Elastically Execute parallelly 1000s of cross-browsers automatically using TestNG with Jenkins Continuous Integration.
- Developed successfully from scratch the continuous automation testing framework for vzw.com flows consisting of 50+ E2E Production DHC flows for D/T/Mobile Web using TestNG, POM and Modular framework alongside Java Maven Synchronized DataProvider and ThreadLocal for Parallel Executions and a Robust XLS ITestContext Data Reader.
- Lead and Implemented successfully from scratch the Jenkins CI system for our VZW e-commerce Automation Team fulfilling continuous integration with E2E VZW orders placed (www.vzw.com) via automated scripts in sync with SCM.
- Implemented successfully from scratch the Selenium Grid consisting of 6 powerful slave machines and 1 master with advanced configuration for Parallel Executions on industry browsers including Chrome Mobile Emulation for iOS and Android.
- Implemented successfully from scratch the ongoing extensive continuous effort of scripting and automating jobs for Grid Performance and Reliability. Automating the scheduling of Jenkins jobs wherever needed for each Checkpoint.
- Lead MR & ER Releases for Mobile Web along with DHC for Production applications and Lower Environments on AWS.
- Managed the configuration and code change pushes using GIT SourceTree/GIT CLI software to control latest code accordingly in its respective repo/branch.
- Environments: Windows within AWS, Selenium WebDriver, Jenkins, Java (Eclipse - Maven Project), Appium, TestNG, HP ALM, Accurev, GIT, JIRA

InteliClear LLC / Edison NJ

2012-2015

Lead SDET – Full Time

Lead the daily creations and maintenance of Cloud Production scripts on AWS by extensive coding the robust Framework alongside Selenium WebDriver and the Microsoft Unit Test Framework; by using Page Object Model Framework Design Patterns, DataProvider/PageFactory, Object Repository, Fluent Interface API, Internal Custom DSL, Microsoft VSConsole and Batches.

- Gathered, Planned, Analyzed, Designed, Implemented and was Approved over (240 test scripts, 105 web pages), including C# API Testing and maintained the internal DSL driven solution by refactoring End-to-End scripts to handle Regression Automation on dynamic pages and drastically reducing verbosity.
- Developed app-config (system.configuration) for customized cross browser testing framework to work with IE, Google Chrome, Firefox, Safari (WebDriver Profile, Options, etc.).
- Managed the scheduling of production daily test scripts using Microsoft SQL Agent to auto run tests alongside Microsoft VSConsole to execute the compiled (.DLL) while creating business required Customized Logs with filtered Test Results and Custom Exception handling.
- Conducted the installation and configuration of the TeamCity Web Farm with IIS 7.0 to enable CI (Continuous Integration with Jenkins) along with creating a detailed user guide for general users.
- Environments: Microsoft Windows Server 2008 R2, Microsoft Visual Studio IDE C#/ASP.NET, Microsoft Unit Test Framework, Selenium WebDriver.

Sabert Corporation / Sayreville NJ

2012

WebDriver Automation Engineer – 6 Months Contract

Implemented from scratch the Web Automation of the company's internal .NET Web Application where I was involved in developing automated scripts using POM-PageFactory design patterns by manipulating every DOM UI element to test accordingly per business requirement. (Selenium WebDriver and C# -- 110 smoke tests, 27 web pages).

- Contributed extensively to the company's Page Object Model Framework test scripts and the Microsoft Unit Test Framework by implementing an App-Configuration solution to execute tests cases with more control by passing flags at time of the command driven CMD execution.
- Managed the scheduling of production daily test scripts using Microsoft SQL Agent to auto run test suites alongside Microsoft VSConsole to execute the compiled (.DLL) and created a business required customized log with filtered test results. (By Category, By Test-Method or by Test Suite; End-to-End and Regression).
- Conducted customized cross browser automation on IE, Google Chrome, Firefox, Safari (WebDriver Profile, Options, etc.).
- Environments: Microsoft Windows Server 2008 R2, Microsoft Visual Studio IDE C#/ASP.NET, Microsoft Unit Test Framework, Selenium WebDriver.

Home Depot / Dayton NJ

2008-2011

Software Development Engineer in Test – Full Time Entry Level

Enhanced the Automation of the front-end dashboard for The Home Depot DC5996 internal Tool using C# including Exploratory, Usability, Verification, Functional, Non-Functional, Performance and System Testing of the application for Negative/Boundary and Positive scenarios using SDLC QA Methodologies.

- Developed C# scripts strategically with Visual Studio using Page Object Model Framework Design Patterns, DataProvider/PageFactory.
- Supported project managers in defining, analysis by coordinating QA and defect management activities within Windows Server platforms and systems to ensure critical applications are delivered with no major issues (Severity/Priority).
- Analyzed the impact on server performance CPU usage, server memory usage for the applications of varied numbers of multiple, simultaneous users.
- Environments: Microsoft Windows Server 2008 R2, Microsoft Visual Studio IDE C#/ASP.NET, Microsoft Unit Test Framework, Selenium IDE and Selenium WebDriver 2.0

Sam's Club / East Brunswick NJ

2007-2008

Software Development Engineer – Full Time Intern

Contributed and extensively worked on a daily basis with Dev, IT, Business and QA teams while exploring with the Microsoft Stack Developing tools alongside Windows Server Environments.

EDUCATION

Bachelor of Science (BS) - Computer Information Systems
DeVry University / North Brunswick, NJ