

Yunior Portal

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

Extensive 10+ years of expertise as a Software Developer with a focus in **WebDriver Automation Engineering**; currently 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 / 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, , AWS, Selenium Grid / Parallel ThreadLocal** executions, **Jenkins, GIT, BDD, Cucumber, Appium**).

CERTIFICATIONS

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

TOP ACTIVE SKILLS

- ~ Rest assured the below is a: **Custom Advanced Production Level Architecture** using **ONLY Best Practices**.
- ~ **Force Grid Security** and **ALL executions ONLY** on trusted **Server Grid + Latest & Greatest Git Security**.
- ~ **Force ALL Data-Critical** with **Base64** Encode/Decode best practices for **Maximum Data Security**.
- Key Technologies currently being implemented from scratch are listed below:**
- ~ **Selenium Grid w/ WebDriver**
- ~ **Data-Driven w/ Custom XLS Data Reader**
- ~ **Java Maven w/ Dynamic POM Profiles**
- ~ **Dynamic TestNG w/ Synced Parallel-Ready**
- ~ **Jenkins CI w/ GitLab**
- ~ **ExtentReports w/ Custom Logging**
- ~ **CLI Enabled w/ Custom Batch scripts** to schedule on **Windows Scheduler + Jenkins Jobs**
- ~ Advanced custom **Dynamic Production level POM & TestNG XML** configurations.
- ~ Advanced custom reusable **Selenium Grid + WebDriver** using **DataProvider, PageFactory** and **more**.
- ~ Advanced custom Environment **Maven Profiles** Ready; customized to **execute robustly on any QA environment** (Prod, Lower Environments).
- ~ Advanced custom implementation of **Chrome Headless, Chrome Mobile Emulation** (Tablet/Mobile).
- ~ Advanced custom implementation of **Performance + ThreadLocalDriver + ThreadLocalBrowser Logging**.
- ~ Advanced custom **Jenkins CI Pipeline + Security** implementation.
- ~ Advanced custom **Parallel ExtentReports** with **Details Execution Logging** for debug + audit.
- ~ Advanced custom **Data-Driven** approach using **Excel** spreadsheets with a robust custom **XLS Reader**.
- ~ Advanced custom **Hybrid** approach w/ **Keyword-Driven** to enable & handle **Comprehensive Cases**.
- ~ Advanced custom **Synced Parallel Everything** listed below:
 - ~ Synced **Exception Handling**
 - ~ **Profile Suites Reporting**
 - ~ Custom **Screenshot Stack Trace Tracking**
 - ~ Most importantly; a **Synced Grid** Implementation to archive all of the above.
- ~ **Continuous Test Automation:** Selenium Grid, WebDriver API, TestNG, ChromeDriver Mobile Emulation, Appium
- ~ **Frameworks:** TestNG, Synchronized DataProvider ThreadLocal(Parallelism), Robust XLS ITestContext Data Reader
- ~ **CI // CD:** Jenkins, AWS CodePipeline, GitHub, GitLab, TeamCity // Java, Maven, GIT, AWS CodeBuild, ExtentReports
- ~ **General:** Jira, BlueSheets, BDD, Cucumber, API, JSON, REST, Custom XPATH, SQL, SSRS RDLs, HTTPS, DOM, VPN, SSO, G-Suite, VMs.

PROFESSIONAL EXPERIENCE

1. **Educational Testing Service / ETS HQ - Princeton Campus, NJ** **2018 – Present**
Sr. Lead SDET / IT SMTS / AWS CSAA
 - ~ **Developing advanced production level implementations of these technologies from scratch:** Web Browser UI Automation / WebDriver Mobile Emulator / Selenium Grid / Jenkins CI / JAVA Maven & GIT CD

2. Verizon Wireless – eCommerce vzw.com / Piscataway, NJ**Dec. 2015 – Dec. 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 100s of cross-browsers in synch using TestNG with Jenkins Continuous Integration including advanced logging Extent reports.
- Developed successfully from scratch the continuous automation testing framework for vzw.com flows consisting of 500+ Comprehensive scenarios for Production and AWS Test Environments 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 AWS 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.
- Environments: On-premise, AWS, Windows, Selenium WebDriver, Grid, Jenkins, Java (Eclipse - Maven), Appium, TestNG, HP ALM, Accurev, GIT, JIRA

3. IntelliClear LLC – Finance / Edison, NJ**Aug. 2012 – Aug. 2015****Lead SDET / WebDriver Automation Engineer – Full Time**

- Lead the daily creations and maintenance with C# of The 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 600 test scripts with C# including API Automation and Unit Testing.
- 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.

4. Sabert Corporation / Sayreville, NJ**Feb. – Aug. 2012****WebDriver Automation Engineer – 6 Months Contract**

Implemented from scratch a revamp version of the Web Automation of the company's internal .NET Web Application where I was involved in developing automation scripts using POM-PageFactory design patterns. (Selenium WebDriver and C# - 110 smoke test scripts, 57 web pages/forms ASP.NET).

5. Home Depot / Dayton, NJ**Aug. 2008 – Aug. 2011****Software Development Engineer in Test (SDET) – Full Time Entry Level**

- Developed 200+ C# Automation scripts strategically with Visual Studio using the Page Object Model Framework Design Patterns, DataProvider and PageFactory.

-Enhanced the Automation of the front-end dashboard for The Home Depot DC5996 internal App 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.

6. Sam's Club / East Brunswick, NJ

2007-2008

Software Engineer – Full Time Intern

-Developed and contributed on a daily basis with 3 different Dev. Teams coding extensively with JavaEE5 the Sam's Club Internal Web Apps utilizing Spring 2.5 and maintained DevOps batch scripts alongside Hudson(Jenkins).

-Spring Unit Testing, MVC, JDBC, JMX, MBeanSever API, JConsole, BeanFactory, ApplicationContext, Spring Security.

-Worked closely with PMs, Business, Analysts, QA and different Dev. teams while exploring with the Microsoft Stack Developing web forms with ASP.NET alongside Windows Server Environments.

EDUCATION

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