Yunior Portal
https://portfolio.yunior-portal.com

Extensive 11 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 Advanced**, **Custom** and **From Scratch: JSON API/Android/iOS/Front-end Web Browser UI Automation Frameworks** with **Java/C#** Development for Desktop / Tablet / Mobile Web/App Platforms using **TestNG** framework alongside **POM** with **Data / Keyword** robust strategies: (**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**.
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 / Web Automation Architect / IT SMTS / AWS CSAA
~   **Developed advanced Production Level Architecture of these technologies from scratch:** Web Browser UI Automation / WebDriver Mobile Emulator / Selenium Grid / Jenkins CI / JSON / API / JAVA Maven & GIT CD
~   Implemented a **Production Selenium Grid** with **WebDriver** to execute **800+ Comprehensive Scenarios Parallelly** and **Elastically** on **AWS**.
~   Developed with **Java** a **Data-Driven Custom XLS Data Reader** with **Start Row-to-End Row** flag.
~   Developed with Java a custom package and robust framework to **parallelly scan API URIs** and get **each response status**; URIs are **row driven in XLS** and can execute **thousands of JSON APIs parallelly** and **elastically** on **AWS Grid**.
~   Developed a **robust** and **production framework** using **Java Maven** with **Dynamic POM Profiles** to enable **CI**; customized to **execute robustly on any QA environment** (Prod, Lower Environments).
~   Developed a **Dynamic TestNG** framework with **Synced Parallel-Ready**; Synced **Exception Handling**, **Profile Suites Reporting** and a custom **Screenshot StackTrace Tracking**.
~   Implemented a **Production Continuous Integration** using **Jenkins CI Pipeline** + **Security** alongside **GitHub/GitLab**.
~   Developed with Java a custom **Parallel ExtentReports** with **Details Execution Logging** for **debug** + **audit**.
~   Implemented a **Hybrid** approach w/ **Keyword-Driven** to enable & handle **Comprehensive Cases**.
~   Implemented a **CLI Enabled** approach using custom **Batch scripts** to schedule on **Windows Scheduler** + **Jenkins Jobs**.
~   Developed with Java and WebDriver API the **Chrome Headless**, **Chrome Mobile Emulation** (Tablet/Mobile).
~   Developed with Java the **Performance** + **ThreadLocalDriver** + **ThreadLocalBrowser Logging**.

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 / JSON / API / 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** with **ExtentReports**.
-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.   InteliClear 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) framework for customized **cross browser** testing 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.

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 – Data Management
DeVry University / North Brunswick, NJ