

# MARINA KAN

## QA AUTOMATION ENGINEER

Houston, Texas, United States

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Fully authorized to work in the US. No visa sponsorship required.

### PROFESSIONAL SUMMARY

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#### QA AUTOMATION ENGINEER (JAVA)

3+ -year experienced in Manual and Automation testing ensuring excellent product quality with **Java**.

- Experience in **Manual** and **Automation** testing of **Web-based applications** with **Java** language, client-server software application with Java.
- Excellent knowledge and implementation skills in complete **Software Development Life Cycle (SDLC)** and **Software Testing Life Cycle (STLC)**.
- Experience in **Agile** Projects work very closely with Product owners in Agile and attend different ceremonies like **Daily Scrum, Sprint Planning meeting, Sprint Backlog Grooming, Sprint Demo and Retrospective**.
- Highly skill in **Functional, Front-end with Selenium, Java and Back-end, Regression, Smoke testing**.
- Good Core **Java** and Object-Oriented Programming (**OOP**) **concepts** knowledge.
- Involve in **QA Docs**, expertise in grouping of **Test cases, Test Scenarios**, developing and maintaining **Test Scripts** in Java using **JUnit, TestNG** Annotations like Groups, Parameter, Data Provider, Tags.
- Proven ability in designing and creating automation **frameworks** by using Selenium using Java, **Selenium WebDriver, Cucumber with Gherkin Language, TestNG, JUnit, Maven**.
- Experience of Creating, Modifying and Maintaining new and existing Automation Framework Models (**BDD/TDD, Hybrid, Data Driven Frameworks**).
- Perform Database testing using **SQL** scripting and Java Database Connectivity (**JDBC**), **Oracle Database, SQL Developer**.
- **API Web Services testing** using **Postman and REST Assured library**.
- Experience on **GitHub** Code Reviews and Collaboration by using GitHub, **Git** as Version Control System.
- Ensure the Test Automation solutions are embedded into the **CI/CD** processes through **Jenkins (Smoke and Regression tests)**.
- Experience in configure **AWS EC2** instance for Jenkins.
- Involve parallel testing by using **Selenium Grid**.
- Use **Apache POI API** to read and validate the data from **Excel files**.
- **Excellent** interpersonal, **communication**, collaboration, time management, organizational, proven team player with an analytical bent to problem solving and delivering under high stress environment.

## TECHNICAL SKILLS

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<b>Languages</b>	Java, SQL, HTML, CSS, Gherkin
<b>Frameworks</b>	Cucumber Behavior Driven Development (BDD), Data Driven Testing (DDT), Hybrid Framework with Java
<b>Design Patterns</b>	Page Object Model (POM), Page Factory, Singleton
<b>Testing Tools</b>	Selenium WebDriver, TestNG, JUnit, Cucumber
<b>Project Build, Management and Bug Tracking Tools</b>	Maven, Jira - Xray
<b>DB and DB Testing Tools</b>	Oracle DB, SQL Developer, JDBC
<b>Web Services Testing Tools</b>	Postman, REST Assured library
<b>Version Control Tools</b>	Git, GitHub
<b>CI/CD tool</b>	Jenkins
<b>IDEs</b>	IntelliJ IDEA, Eclipse
<b>Methodologies</b>	Agile / Scrum

## Work History

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### QA AUTOMATION ENGINEER

#### Seamlessly

04/2019-Current

- Strong participation Sprint Planning Meeting, Daily Standup, Sprint Grooming, Sprint Retrospective, Sprint Demo.
- Experience in writing Test Scenarios, Test Cases and Test report through the Back-End & Front-End testing.
- Work on Object Oriented Programming (OOP) concepts and extensively use Java.
- Define, develop, and execute automation tests with Java by using an internal codeless automation tools like Selenium, Cucumber.
- Develop and implement Selenium, Cucumber BDD (Behavioral Driven Development) framework using Java, Selenium WebDriver, Gherkin, JUnit, Maven.
- Developed Features, Scenarios and Step Definitions using Gherkin, Java, WebDriver.
- Implement POM, Page Factory and Singleton design patterns.
- Experience in writing complex XPATH using following and preceding and using functions like contains and not contains and finding different locators.
- Develop and maintain smoke, functional and regression test scripts, positive and negative testing.
- Create Extent-Reports / HTML reports / Cucumber JSON reports with detailed test steps and screenshots.

- Utilize DDT (Data Driven Testing) using Cucumber Scenario Outline and Apache POI for Excel spreadsheets.
- Configure and set up Smoke and Regression tests as Jenkins jobs.
- Experience in Black Testing across Functional Testing.
- Perform Database testing using SQL scripting and Java Database Connectivity (JDBC), Oracle Database
- Experience in writing and executing SQL queries to perform Data validation and Back End Testing of databases to check the Integrity of data.
- Perform API Web Services testing using Postman and REST Assured library.
- Proficient ability to use Postman and REST Assured library in order to execute API Testing using Get, Post, Put and Delete HTTP methods.
- Experience with Agile Jira X-ray project management and bug tracking.
- Perform cross browser testing on Chrome, Firefox, Internet Explorer.
- Extensive experience on Peer Reviews of User Stories, Test Cases and Defects.
- Adapt in training employees to use and adapt to functionalities of tools.

**Environment:** Agile, Selenium WebDriver, Maven, Java, Cucumber, JUnit, REST Assured library, Jenkins, IntelliJ, Jira, XML, Json, HTML, CSS, SQL, AWS EC2, GitHub.

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## Test Automation Engineer

### AgilePro CRM

08/2017-04/2019

- Participated in analyzing Business Requirement, Requirement Reviews and analyzed Modification requests and Enhancement requests.
- Involved in writing Test Scenarios, Test Cases and Test report.
- Prepared test cases and test procedures based on Business Requirements Documents and executed them accordingly.
- Analyzed user requirements, functional specifications, and created test plans, user stories and test cases.
- Manually tested functionalities of the applications, evaluated, and documented actual test results against expected results.
- Experienced in Jira to project management and bug reporting.
- Extensively used Java OOP's concepts for developing Automation Frameworks using Eclipse, Maven, Selenium WebDriver and TestNG.
- Designed, developed and executed automation scripts by using Java, Selenium WebDriver, TestNG, Maven.
- Participated in hybrid framework development from scratch by utilizing Behavioral Driven Development (BDD), Data Driven Testing (DDT) in an Agile/Scrum Environment.
- Developed Data-Driven Test scripts to check the same functionality with multiple sets of data.
- Developed Test Automation scripts by using Gherkin language Cucumber feature files.

- Proficient in developing and implementing framework by using Page Factory and Page Object Model (POM), and Singleton.
- Created HTML report with detailed test steps and screenshots.
- Debugged failed tests to see the causes of failure and reported valid issues in JIRA Xray to project management and bug tracking.
- Proficient ability to write dynamic XPath and CSS selectors to identify Web Element by using Selenium WebDriver.
- Checked the data flow through the Front-End to Back-End and used SQL queries, to extract the data from the database.
- Performed Database testing using SQL scripting and JDBC, Oracle Database as well as API Web Services testing using Postman and REST Assured with Java.
- Used Swagger to get REST API Specification and Documentation.
- Used Selenium Grid for cross platform and cross browser testing by running the Test Scripts on various virtual machines.
- Used Jenkins with Maven for continuous integration.
- Developed a thorough understanding of the Agile environment by participating in Daily Scrum, Sprint Planning, Sprint Review and Sprint Retrospective meetings.

**Environment:** Agile, Selenium WebDriver, Maven, Java, Cucumber, TestNG, Jenkins, Eclipse, Jira, XML, Json, HTML, CSS, SQL, Rest Assured API, AWS EC2, GitHub.

## EDUCATION

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**Software Quality Assurance Training**

**Software Development Engineer in Test Training**

**Bachelor's degree: Economics (Business science)**

University of Turan