# Yasin Deger
## QA Engineer

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## SUMMARY:

I have a bachelor's degree in computer science, ISTQB Foundation Level certificate and multiple certifications in test automation tools and frameworks. 10 years of Software Engineering and 4+ years of Quality Engineer experience, extensive knowledge in various automation tools and programming languages.

I am proficient cloud systems like Docker and Kubernetes for testing. I can successfully install and configure Docker-based environments for test executions.

Created a **Selenium**, **Selenide** and **Playwright**, **Cypress**, **Katalon** frameworks from scratch numerously, implementing test cases to increase test coverage and test efficiency. I experienced on **Web, API, DB, Mobile** frameworks. I have also performed various types of functional and non-functional testing.

I can use **k6** and **JMeter** as a performance tool to simulate virtual user scenarios and measure the system's response. I can easily integrate data management files such as **excel, csv, pdf, H2 DB**. I can offer custom report format according to request. I can send reports to channels with slack, discord with webhooks.

I leverage **Jenkins**, GitHub **Actions**, **GitLab CI**, **Travis CI**, and **Buddy** for continuous integration. I can set up these environments from scratch and am adept at installing Jenkins on **AWS** or remote Linux servers with ease. **Jira Xray** for project management, and I also use GitHub, Gitlab, Bitbucket and other platforms of version control and collaboration.

## SKILLS:

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|---|---|
| Programming Languages | Java, JavaScript, TypeScript, Python |
| CI/CD | Jenkins, Github Actions, Gitlab CI, Buddy |
| Testing FRAMEWORK/ Tool | Playwright, Selenium, Selenide, Cypress, Appium (XCUITest and Android), Katalon Studio, TestNG, Junit, Cucumber BDD, Gauge, Postman, Maven, Rest Assured, JDBC, Docker, Selenium GRID, k6, JMeter, Apache POI, Custom Reporting with Web Hooks |
| Databases | RDBMS |
| IDE | IntelliJ, VS Code |
| Bug Tracking Tool | JIRA X-ray, Trello |
| Operating System | MacOS, Windows, Linux |

## EXPERIENCE:

### Trustmeup
**QA Engineer Team Lead**                                    **May 2023 – Present**

**Summary:** I plan and coordinate testing activities for web and API, trying to ensure the highest quality standards. This project is a web-based application for donation. It includes methods to manage and simulate donor metrics. In the scenarios, I am preparing test scenarios in a hybrid structure due to the control of post-donation mail content and other reporting of the donation.

**Responsibilities:**
- Implemented comprehensive Test Cases to enhance Test coverage and efficiency.
- Worked extensively on integrating and automating Stripe and PayPal payment methods.
- Managing and automating Shopify, WooCommerce detailed testing.
- Created a Playwright framework with Java from scratch to support robust automated testing.
- Conducted various types of testing, including Functional and Non-functional:
- Implemented Jenkins for Continuous Integration, ensuring a streamlined and automated build process.
- Utilized Jira Xray for efficient project management and tracking.
- Actively involved in all Agile Scrum ceremonies, promoting a collaborative and iterative development process.
- Employed Slack for effective reporting and communication within the team.
- Simulated donor behaviors through automation to enhance system reliability.
- Automated various payment methods with different user and permission types.
- Executed comprehensive automation scenarios covering both UI and API aspects of the application.
- Worked with technologies such as ReactJS and GraphQL, integrating them seamlessly into the automation
- Developed the framework using a combination of Java, Cucumber, and Playwright to ensure thorough and efficient testing.

### Virgosol
**Test Architecture Team Lead**                              **Sep 2022 – May 2023**

**Summary:** I have served in e-commerce CRM and various mobile test projects. After making numerous contributions to the test architecture, I was promoted to lead the test architecture team. Being involved in multiple projects, this has been one of the areas where my domain knowledge has significantly developed.

**Responsibilities:**
- Katalon Studio Instructor.
- Implemented Test Cases to increase Test coverage and Test efficiency.
- Involved to creation different type of Test Automation Frameworks.
- Performed different Test types such as Smoke, Regression, Positive and Negative Testing.
- Used Jira and Trello as a project management tool.
- Involved different platforms such as Web, Database, API, Mobile, Desktop (WinApp)
- Involved in all Scrum ceremonies.
- Teams, Zoom, Discord, Slack and WhatsApp are used as a communication platform

## Fleet Apps
**QA Engineer**                                                   **Sep 2021 – Aug 2022**

**Summary:** This project is a web-based application for the fleet management. This application helps fleet management companies to manage all kind of their logistic issues. It is mainly used for renting, tracking, and maintaining fleets, consisting of monitoring fleet activities and costs.

**Responsibilities:**
- Prepared Test Cases to increase Test coverage and Test efficiency.
- Involved to creation of Cucumber Behavior Driven Development (BDD) Test Automation FRAMEWORK from scratch using Selenium WebDriver, JUnit, Maven, JAVA by utilizing Page Object Model.
- Implemented Gherkin language in Test scenarios.
- Performed different Test types for the implementation of the project such as Regression, Smoke, Positive and Negative Testing.
- Used Git/GitHub as the Version Control System
- Used JIRA X-ray as the Defect Tracking tool.
- Run SQL queries and used JDBC for validating the data in database.
- Involved in all scrum ceremonies (Planning, Daily, Demo, Retro)
- Zoom, Discord and Meet as a communication platform.

## Applause
**Test Automation Engineer**                                      **May 2020 – Mar 2021**

**Summary:** This project is a web-based application for the enterprise resource planning (ERP). This application organizes and manage day by day business activities such as accounting, project management and compliance, and supply chain operations. This project also includes enterprise performance management, software that helps plan, budget, predict, and report on an organization's financial results.

**Responsibilities:**
- Involved in all scrum ceremonies. (Planning, Daily, Demo, Retro)
- Created Test FRAMEWORK from scratch with JAVA, Selenium, Cucumber, JUnit
- Performed manual Testing, regression, and smoke Testing.
- Created tickets for Test, bug report, and Test executions in JIRA X-ray
- Implemented parallel Testing
- Executed on Jenkins and getting report via email
- Connected Database with JDBC Library and verified with User Interface.
- Zoom and Discord as a communication platform.

## Government of Turkey
**System Software Manager**                                       **Aug 2009 – Mar 2020**

**Summary:** I worked as Programmer Officer. During this time, I was dealing with the big data coming from computer systems and stored and managed this data and prepared some documentation related for them. I worked and tested on ship shore ship buffer data-link management system. I took lots of certificate from NATO. And, I managed IT system personal over hundred. I gained successful experience in terms of personnel and system management. I experienced in training for the team and how to behave in a stressful work environment.

**Responsibilities:**

- Involved in daily ceremonies.
- Maintenance system software periodically
- Creating periodically reports and documentation.

## EDUCATION:

- Tur AF Academy Bachelor's Degree, Computer Science          2005 – 2009
- ISTQB Foundation Level          2023
- Katalon Expert Level Certification          2023
- LambdaTest Test Automation Professional Certificate          2023