


# Rovshen Paltayev

## Software Developer & Engineer in Test

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Experienced Software Developer & Automation Engineer with strong data structure, problem solving and excellent interpersonal skills. Experience in start-up like environment with ability to achieve goals on a strict deadline. Highly motivated cross-functional team member.

## Summary

- 4+ years of **Software Development and Testing/Software Automation** experience in Agile methodology.
- Extensive experience in testing Web Based Applications and automating the test cases using **JAVA, Selenium WebDriver, Apache Maven, Cucumber, JUnit, JIRA, TestNG, SQL**.
- Excellent knowledge of **Core Java, Java Collections, Data structures, Algorithms** and **Object Oriented Programming (OOP)** concept.
- Excellent at developing e-commerce back-end applications for **automation** purposes.
- **Quick learner, flexible** and **creative** at finding optimal solutions.
- Extensive work experience in **Functional, Regression, Integration, System, User Acceptance, Black Box, Smoke, Positive, Negative**, and **End-to-End** testing.
- Applied knowledge and experience in **Test Driven Development (TDD)** and **Behavior Driven Development (BDD)** using **Cucumber**.
- Strong in designing and implementing **PageFactory** and **Page Object Model (POM)**.
- Experience in writing and executing SQL queries to perform **Data Validation** and **Back end** testing of the databases to check the integrity of data.
- Proficient in working with version control systems like **Git**; used source code management client tools like **GitHub**.
- Experience in implementing **Rest assured** Java library in designing and implementing back-end application along with testing framework.
- **Detail-oriented, team player, self-motivated, dedicated**, open to **learn** and **share** the knowledge.
- Experienced in writing and executing **CRUD SQL** statements.

## Skills

**Languages:** Java | Python | HTML5 | CSS3 | Javascript | SQL

**Other:** Maven | REST | AJAX | JSON | XML | React.js | Redux | Node.js | Express.js | Bootstrap | Tachyons

**Testing Tools:** Selenium WebDriver | Selenium Grid

**Frameworks:** TestNG | JUnit | Cucumber | BDD | Data-Driven

**Bug tracking tool:** JIRA

**Version Control:** Git | GitHub

## Experience

2017-01 - present

### SDET

**Brighten Technologies**

- Performed **Automation Testing** in an **internal web based application** using **Java** , **Selenium WebDriver** ,

- **Maven** , **JUnit** and **Cucumber** , **Jenkins** and **Git**.
- Automated test cases using **Page Object Model (POM)** design pattern.
- Performed **Smoke** , **Functional** , **Positive** , **Negative** , **Integration** , **Regression** , **Front-End** and **Back-End** Tests.
- Developed **Test Scripts** to test functionality of the application and **execute automation scripts** on different browsers/environments and reported **defects** through **JIRA** .
- Implemented **RESTful** web services in testing using **Rest Assured** library in **Java** and validated **JSON** formatted data.
- Analyzed and contributed requirement specification, test plans and created test cases.
- Involved in developing **BDD Framework** from Scratch.
- Experience in writing good **quality object-oriented code** for testing purposes by following industry standard java coding standards.
- Designed and implemented different automation frameworks from scratch like **Page Objects** framework, **Keyword Driven** framework, **Data Driven** framework and Hybrid framework for a number of projects.
- Used **Apache POI** methods for writing/reading to/from excel sheets to perform Data Driven testing.
- Involved in all the Agile testing methodology, participated in daily Scrum meetings and tested each Sprint deliverables.

2016-08 - 2017-01

## Computer Science Department SWE

### North American University

- Engineered and Developed **script testing framework** for reporting and grading purposes with **Java**, **TestNG**, and **Extent Reports**.
- Developed and executed **SQL queries** in the database to conduct data integrity testing by checking the data tables on the server.
- Created comprehensive and well-structured scripts and/or automated test cases based on the provided requirements, using **Selenium WebDriver**, **Java**, **Maven**, **Cucumber**, **TestNG**, **JUnit**.
- Tested **Rest API** using **Postman**.
- Developed functional testing of student scripts for grading purposes with **TestNG** and **Java**.
- Participated in code reviews with the team members.
- Developed various front-end animations on web pages using **JavaScript**.
- Decreased CPU consumption of animations by **more than 30%** compared to other conventional implementations.

2015-01 - 2016-08

## Software Developer & Automation Engineer

### Brighten Technologies

- Developed web scraping programs with **Python** for collecting competitive data.
- Continuously **increased performance** and **speed** of the application and ability to overcome certain limitations of scraping scripts by integrating **Selenium WebDriver**.
- Increased sourcing efficiency by at least **%70**.
- Developed back end application by using various distributor **APIs in Java**.
- Developed **real-time data sourcing** application to locate deals and products in various website.
- Designed and developed **Python** scripts to automate inventory purchasing, order tracking, price sourcing and reporting.



## Education

2016-08 - present

## North American University - MS Computer Science

Masters in Science of Computer Science Software Engineering - Expecting to graduate in May 2019



## Personal Projects

### Face Recognition Webapp

- Developed face recognition web application using **React.js** with **HTML/CSS** and **Javascript**
- Developed back-end REST api using **PostgreSQL** , **Node . js** and **Express.js**

- Increased security for users by using **Bcrypt** library for storing user sensitive data.
- React is one of my recent obsessions, this one is a result of it.

Refer to my portfolio for more details on the project

### Real-Time Drone Locator

- Developed data visualization web application using React.js and Redux.
- Implemented Google maps api to display drone's location in real-time.
- Used graph visualization to display past 30 minutes of drone temperature and information.

Refer to my portfolio for more details on the project

### Robo Friends

- Initial React webapp for testing purposes and was developed for fun.
- Implemented search feature with component state change to render in every input

Refer to my portfolio for more details on the project.

### Travel Guide

**Open Source Project run by community of developers.**

- Assisted in various optimization changes to the project source code.



## Awards and Certifications

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2018-11	OCA Certified Associate - Java SE Programmer
2010-04	Gold in Programming Project Olympiad - Turkmenistan