Rovshen Paltayev

Software Developer & Engineer in Test

Houston TX

(832) 630 8632

rovshen.com

LPR (Green Card Holder)

https://github.com/rpaltayev

rowshenpaltayev@gmail.com

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 and creative 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.**

- Experienced in **code analysis** to improve efficiency of software by implementing more suitable **data-structures**.

- 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.

- Excellent problem solving, analytical skills and technical troubleshooting skills.

- Extensive experience in **AWS S3** and **EC2** services.

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.
- Improved **efficiency** of front-end web application by analyzing the code and implementing more suitable **data-structure** and **algorithms**.
- Performed **Smoke**, **Functional**, **Positive**, **Negative**, **Integration**, **Regression**, **Front-End**and **Back-End** Tests.
- Developed **Test Scripts** to test functionality of the application and **execute automationscripts** 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 deliverable.

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**.
- Analyzed code to improve **efficiency** and suggest more suitable **data structure** to be used.
- 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**.
- Designed and developed **price prediction** script to optimize product sourcing.
- Developed **product search**, **competition** and **profit analysis software.**
- 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

2018-11   OCA Certified Associate - Java SE Programmer

2010-04   Gold in Programming Project Olympiad - Turkmenistan

2010   Gold medal in various national algorithm contests