Stephan Brauberg

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Software Development Engineer in Test or SDET

- Proven expertise as a **Software Development Engineer in Test** extends over 8 years, spanning the full spectrum of **Manual**, **Automation**, **API**, **Web Services**, and **Web-based applications**.
- Mastery of tools like **Selenium WebDriver**, **JUnit**, **REST Assured Library**, and **Cucumber** facilitates skillful conduction of **Black Box**, **Functional**, **Regression**, and **Smoke Testing**.
- Well-versed in the **SDLC** and **STLC**, proficiency in **agile** methodologies is often recognized with praise for efficient **bug tracking** and resolution.
- Exceptional **communication** and **organization** skills combined with an unwavering commitment to quality, shining through in tasks such as writing **SQL** queries, managing framework **dependencies**, and ensuring the reliability of website components using **data-driven testing**.

WORK EXPERIENCE

Airbiquity • 10/2021 - 06/2023

Software Development Engineer In Test II

- Conducted knowledge transfer (KT) sessions with team members, enhancing overall team competency in testing methodologies and best practices.
- Created a robust BVT JMeter Test Plan for existing APIs from scratch, enhancing the performance testing strategy and cutting down on the Smoke Test Execution time by 50%.
- Participated in client testing using Oracle VM VirtualBox on Ubuntu and UTM on Ubuntu, ensuring cross-platform compatibility and performance.
- Conducted Security Testing, including generating and parsing Certificates and utilizing .pem and .pkcs12 files during API testing on Postman and JMeter.
- Managed various AWS services including S3 bucket, Redshift, EC2, CodeBuild, CodeCommit, Cognito, and SES (Simple Email Service), ensuring optimized cloud operations.
- Took on the responsibility of manual deployments from DEV to TEST environments and from TEST to PROD environments during the release, ensuring smooth and reliable software releases.

Coyote Logistics • 09/2019 - 10/2021

Software Development Engineer In Test

- Provided technical guidance to junior-level Test Engineers to assist in Test Automation.
- Performed Script execution with Core Java by applying OOP concepts, Collections, Strings, Exception handling, etc. Implemented Page Object Model design pattern in BDD framework utilizing Java, Cucumber-Java, Cucumber-JUnit, and Selenium WebDriver.
- Worked on formulating Test Cases, Test Scenarios, and Test Approaches based on User Requirements and System Requirements.

- Participated in creating a framework from scratch, that supports Data Driven testing using Apache POI, Scenario Outline, Excel, and CSV files.
- Performed Cross Browser and Parallel Testing on Chrome, Firefox, and Safari using JUnit and Maven on Selenium Grid.
- Performed Back-End Testing of applications in different layers of API using Postman & REST Assured Library.

Allstate • 10/2017 - 08/2019

Software Development Engineer In Test

- Performed Page Object Model Design Pattern Automation Testing framework utilizing Java, JUnit, and Selenium WebDriver.
- Handled Selenium Synchronization problems using Explicit & Implicit waits during regression testing.
- Experience in writing complex XPath using the following, preceding, and using functions like contains and not contains. Performed Data Driven Testing using Selenium WebDriver, TestNG, and JDBC which reads data from data sources.
- Prepared and analyzed Test Cases for Positive and Negative Test Scenarios as required in the User Stories.
- Followed Hybrid Agile/Waterfall methodology by implementing planning, design, and requirements definition in Waterfall, and development and testing using Agile/Scrum.

Alliant Credit Union • 06/2015 - 10/2017

Manual Tester/Software Development Engineer in Test

- Conducting exploratory testing – simultaneous Test design and execution.
- Interacted with Developers and Business Analysts to perform various types of testing throughout Software Testing Life Cycle (STLC) and Bug Life Cycle (BLC).
- Analyzed and validated test results to ensure existing functionality and recommend corrective action where necessary using Selenium WebDriver and TestNG assertions.
- Involved in Front-End Testing using Selenium with Java and Eclipse as an IDE.

EDUCATION

Bachelor

Institute of Philology and Intercultural Communication, Linguistics and Literature, Second Foreign Language (English)
• Volgograd, Russia • 09/2009 - 06/2013

SKILLS

Automation Testing, Java, Apache POI, SQL, Regression Testing, Jenkins, MySQL, Bugzilla, GitHub, JIRA, Object Oriented Programming, Gherkin Language, Protocol Buffers, Amazon Web Services, Linux, VirtualBox, Selenium Grid, Software Development Life Cycle, TestNG, JUnit, Git, Smoke Testing, Software Testing Life Cycle, Security Testing, Database Testing, Manual Testing, Page Object Model, GitLab, Selenium, Ubuntu, Behavior Driven Development, Cucumber, API Testing, Amazon Redshift, Ad Hoc Testing, Apache Maven, Bash, Amazon CloudWatch, cURL