

# Stephan Brauberg

SDET II

## 👤 Profile

As a proven **Software Development Engineer in Test** with over 8 years of experience, my expertise spans the full spectrum of **Manual, Automation, API, Web Services, and Web-based applications**.

My mastery of tools like **Selenium WebDriver, JUnit, REST Assured Library, and Cucumber** allows me to skillfully conduct **Black Box-, Functional, Regression, and Smoke Testing**.

Well-versed in the **SDLC and STLC**, I am an **agile** practitioner, often praised for my efficient **bug** tracking and resolution.

My exceptional communication, organization skills, and unwavering commitment to quality shine through, whether I'm writing **SQL** queries, managing framework dependencies, or ensuring the reliability of a website's components using **data-driven** testing.

## 📁 Employment History

### Software Development Engineer in Test II (SDET II) at Airbiquity

October 2021 — June 2023

- Utilized **Java** and **Selenium** for the development of robust automated testing frameworks, employing **TestNG** for test management and execution.
- Performed comprehensive **regression, smoke**, and Build Verification Tests (**BVT**) across a variety of applications, ensuring software reliability and performance.
- Conducted knowledge transfer sessions to 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.
- Executed various server interactions using **Linux** command line and customized **AWS** commands, improving efficiency in server operations.
- 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.
- Monitored services using **AWS CloudWatch Alarms**, providing active issue detection and resolution.

## Details

Lighthouse Point, FL

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Nationality

US Citizen

## Links

[GitHub](#)

[LinkedIn](#)

## Technical Skills

AWS Cloud Services

Java

Selenium WebDriver

TestNG | JUnit

JMeter | Postman | cURL

Cucumber

Jenkins

MySQL

Oracle VM VirtualBox

Protocol Buffers

Web-based Applications

Security Testing

Git | GitHub | GitLab

Windows | macOS | Ubuntu

Backend Testing

Smoke Testing | Regression Testing | BVT

Debugging | Bug tracking

Bash

Linux CLI

- Participated in testing new environments and other teams' **BVT**, **Medium Regression**, and **Full Regression**, contributing to overall product quality.
- Interacted with **MySQL DB** using **DataGrip** and instance command line through **Session Manager**, ensuring reliable database 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.
- Developed a **Protocol Buffers** project using **Java** as the programming language, demonstrating strong programming capabilities.

## Software Development Engineer in Test at Coyote Logistics

September 2019 — September 2021

- Provided technical guidance to junior-level Test Engineers to assist **Test Automation**.
- Experienced in performing **Behavior Driven Development** by using **Cucumber** tool and writing **Scenarios** in **Gherkin** language.
- Executed **Test Cases** and logged defects in **Jira**, developed Test Defect reports, and escalated issues using **Jira Xray**.
- 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**, Test Approach based on User Requirements and System Requirements.
- Designed and executed **Test Cases** for new modules of the application which are built on Web-based applications.
- Developed **Positive** and **Negative Scenarios** written in **Gherkin** language, **Scenario Outlines, Features**, and **Step Definitions**, and generated the **Cucumber reports**.
- Used runner classes in **Cucumber** to generate step definition and used tags to run different kinds of test suites like **Smoke** and **Regression**.
- Participated in creating a framework from scratch, that supports **Data Driven testing** using **Apache POI, Scenario Outline, Excel**, and CSV files.
- Executed **API testing** using **GET, POST, PUT, PATCH, and DELETE** methods.
- Performed **Cross Browser** and **Parallel Testing** on Chrome, Firefox, and Safari using **JUnit** and **Maven** on **Selenium Grid**.
- Participated in pushing the Automated Test code into **CI (Continuous Integration)** and monitored the Test execution in **Jenkins** once the code was pushed into **CI**.
- Used **Jenkins** to execute **Smoke** and **Regression** tests.
- Utilized **Git** version control tool, and **GitHub** as a remote repository.
- Experience in setting up and launching **AWS EC2 Server Virtual Machine**.

- Performed in writing **SQL** queries to extract data from various source tables to perform **Oracle Database Testing** using **SQL Developer** and **JDBC** library.
- Performed **Back-End Testing** of applications in different layers of **API** using **Postman & REST Assured Library**.
- Involved in **Grooming** meetings, **Sprint Planning** meetings, **Daily Standup** meetings, **Demo** meetings, and **Retro** meetings as a part of **Agile/Scrum** methodology.  
Shared Daily Status Reports with all the team members, Test Lead, and Managers.

## Software Development Engineer in Test at Allstate

October 2017 — August 2019

- Utilized **Apache POI** jar file to read test data from the Excel spreadsheets.
- Performed **Page Object Model Design Pattern Automation Testing** framework utilizing **Java**, **JUnit**, and **Selenium WebDriver**.
- Executed bug reporting and bug tracking using **Jira**, and actively interacted with the development team to fix crucial bugs.
- Provided efficient locators strategy like **XPath** and **CSS selector** to run **WebDriver** Script in stable condition.
- Performed **Database Testing** using **SQL** Queries with **SQL Server** and **MySQL**.
- 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.
- Utilized **Git** version control tool, and **GitHub** as a remote repository.
- 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**.

## Manual Tester at Alliant Credit Union

June 2015 — October 2017

- Writing and executing Test Cases to detect usability and performance issues.
- Analysis of requirements, and preparing a query list based on those requirements.
- Conducting exploratory testing – simultaneous Test design and execution.
- Verification of **multi-device** and **cross-platform** consistency (software works on different devices and browsers).
- Involved in the testing phase of the Software Development Life Cycle using **Waterfall** Methodology.
- Creating detailed reports and listing improvements.

- Participated in **Sprint Planning** Meetings and provided feedback to the testing team.
- Interacted with **Developers** and **Business Analysts** to perform various types of testing throughout **Software Testing Life Cycle (STLC)** and **Bug Life Cycle (BLC)**.
- Participated in bug review meetings on behalf of the QA team.
- 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**.
- Involved in re-factoring the existing components to meet the current application requirements.
- Executed Manual Test Cases, and reports and tracked the defects till the closure using **Bugzilla**.

## 🎓 Education

**Bachelor, Institute of Philology and Intercultural Communication, Volgograd, Russia**

September 2009 — June 2013

**Study Area:** LINGUISTICS & LITERATURE

**Subject:** Second Foreign Language (English)