

# Stephan Brauberg

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## Software Quality Engineer | SDET | QA Engineer | Test Automation Engineer

Skilled **Software Development Engineer in Test**, leveraging 8 years of hands-on experience in crafting and executing **manual** and **automated tests** in the automotive, logistics, healthcare, and finance sectors. Excelled in harnessing tools like **Selenium WebDriver**, **JUnit**, and **REST Assured**, grounded on a robust **Java**, **SQL**, and **AWS** foundation. Pioneered QA strategies, orchestrating **end-to-end** validation for seamlessly integrated features across diverse environments. Distinguished for dynamic **communication**, meticulous **organizational skills**, and unwavering **dedication** to elevating Quality Assurance through Agile frameworks.

## CERTIFICATIONS

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### AWS Certified Cloud Practitioner

07/2023 - 07/2026

Amazon Web Services Training and Certification

## WORK EXPERIENCE

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### Software Development Engineer In Test II

Airbiquity

10/2021 - 06/2023

- Built a robust BVT JMeter Test Plan for existing APIs from scratch, enhancing testing strategy and cutting down on the Smoke Test Execution time by 50%
- Played a key role in developing and integrating Jenkins Test Pipelines for automated Regression tests, leading to a quantifiable 30% decrease in post-release bugs and enhancing software stability
- Engineered a robust framework from the ground up, leveraging Java 8 and Protocol Buffers, including defining data structures in .proto files and employing protoc for class generation
- Performed API security testing focused on secure communication protocols, including generating and parsing certificates, and configuring .pem and .pkcs12 files for encrypted data transmission testing using Postman and JMeter
- Oversaw a suite of AWS services, such as S3, Redshift, EC2, CodeBuild, CodeCommit, Cognito, and SES, to streamline cloud operations and enhance efficiency

### Software Development Engineer In Test

Coyote Logistics

09/2019 - 10/2021

- Led a QA team of 3 members in executing over 500 comprehensive testing operations annually, ensuring the delivery of high-quality software products
- Developed and implemented test planning, test cases, and processes, reducing known redundancies by 10% and ensuring consistent, predictable outcomes
- Implemented Page Object Model design pattern in Behavior Driver Development (BDD) framework utilizing Java 8, Cucumber, JUnit, and Selenium WebDriver
- Applied back-end testing of applications in different layers of API using Postman & REST Assured Library

### Software Development Engineer in Test

Allstate

10/2017 - 08/2019

- Provided efficient locators strategy like XPath and CSS selector to run
- Performed Data-Driven Testing using IntelliJ, Maven, Java 8, Selenium WebDriver, TestNG, JDBC, and other libraries, based on the Business Requirements and Acceptance Criteria in JIRA
- Utilized Apache POI jar file to read test data from the Excel spreadsheets

## Manual Tester/Software Development Engineer in Test

Alliant Credit Union

06/2015 - 10/2017

- Involved in Front-End Testing using Selenium WebDriver with Java and Eclipse as an IDE.
- Executed Manual Test Cases, and reports and tracked the defects till the closure using Bugzilla.
- Interacted with Developers and Business Analysts to perform diverse types of testing throughout the Software Testing Life Cycle (STLC) and Bug Life Cycle (BLC)

## SKILLS & INTERESTS

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**Operating Systems:** Linux, macOS, Microsoft Windows

**Professional Skills:** Agile, API Testing, Attention to Detail, Back-end Testing, Behavior Driven Development (BDD), Best Coding Practices, Black Box Testing, Bug Life Cycle (BLC), Bug Tracking, Communication, Database Testing, Data-Driven Testing (DDT), Front-end Testing, Manual Testing Tools, Requirements Analysis, Root Cause Analysis (RCA), Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC), Teamwork/Collaboration, Test Automation Tools, Troubleshooting

**Technical Skills:** AWS, Bash, CI/CD, cURL, Git, Java, PowerShell, Shell

**Tools:** Apache JMeter, Apache Maven, Cucumber, DataGrip, Gherkin Language, JDBC, Microsoft SQL Server, MySQL, NoSQL, Oracle DB, Oracle VM VirtualBox, Page Object Model (POM), Postman, Selenium Grid, Selenium WebDriver, SQL Developer, TestNG

**Interests:** Chess, Hiking, Personal Investments, Reading

## EDUCATION

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### Bachelor in Linguistics

Volgograd State University

09/2009 - 06/2013