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# Serg K.

## QA Engineer with QA Automation Engineer, Data Quality

### SUMMARY

- 5 years with QA automation
- Strong testing theory understanding. Defect life cycle and issue workflow understanding, Experience in creating and executing test cases. Reporting
- Experience with data and BI tools
- DevOps experience with CI/CD, pipelines, Docker, AWS, SQL

### SKILLS

<b>Main Technical Skills</b>	QA Automation (5 yr.), Python, CI/CD, AWS
<b>AI &amp; Machine Learning</b>	AWS SageMaker (Amazon SageMaker)
<b>Programming Languages</b>	Java, JavaScript, Python
<b>Android Libraries and Tools</b>	Android Studio
<b>UI Frameworks, Libraries, and Browsers</b>	CSS, HTML
<b>Python Libraries and Tools</b>	Pandas, Plotly, pytest
<b>Data Analysis and Visualization Technologies</b>	Apache Airflow, Periscope, Power BI
<b>Databases &amp; Management Systems / ORM</b>	AWS Redshift, MongoDB, MySQL, PostgreSQL, Snowflake, SQL
<b>Cloud Platforms, Services &amp; Computing</b>	AWS, Zoho
<b>Amazon Web Services</b>	AWS ECR, AWS Elastic Kubernetes Service (EKS), AWS Lambda, AWS RDS (Amazon Relational Database Service), AWS Redshift, AWS S3, AWS SageMaker (Amazon SageMaker), AWS Secrets Manager, AWS SQS

<b>Methodologies, Paradigms and Patterns</b>	Agile, Kanban, Scrum, SDLC, Waterfall
<b>QA, Test Automation, Security</b>	Allure, API testing, Charles Proxy, Fiddler, Functional Testing, Hiptest, JMeter, Katalon, non-functional testing, Postman, pytest, QA, QA Automation (5 yr.), Selenium Webdriver, Sitechko, TestLink
<b>Platforms</b>	Android
<b>Third Party Tools / IDEs / SDK / Services</b>	Android Studio, PyCharm
<b>SDK / API and Integrations</b>	API testing, Swagger
<b>Collaboration, Task &amp; Issue Tracking</b>	Atlassian Trello, Jira, Redmine
<b>Version Control</b>	BitBucket, Git
<b>Deployment, CI/CD &amp; Administration</b>	CI/CD, CircleCI, Jenkins
<b>Logging and Monitoring</b>	Datadog, Graylog, Sentry
<b>Virtualization, Containers and Orchestration</b>	Docker, Vagrant
<b>Operating Systems</b>	iOS, macOS, Windows
<b>Other Technical Skills</b>	TM4J

## PROJECTS

### Data Quality Engineer / Automation QA, Amazon e-Commerce aggregator

2020 - present

**Description:** US-based profitable startup that discovers top-rated and bestselling items on Amazon. It buys those firms from their small-time owners and grows them. Thrasio looks for online brands that are selling on amazon. It finds the “top-reviewed, bestselling” essential everyday products there, and buys the brands from the small business owners (by using a deep understanding of rankings, ratings, and reviews to identify and acquire quality brands and by using world-class expertise and data science to make their products better or create new ones to meet changing customer demand). Thrasio contacts them for collaboration and also acquires them in some cases.

#### Responsibilities:

- Analyzing and testing large volumes of data, from different sources: API, Web -scrapers
- Checking: Completeness, Accuracy, and Uniqueness of data through all pipelines of of data transformation from raw source to the delivery to stakeholders



- Data transformation according to the requirements
- Creation of test documentation (Test Plans, Test Reports)
- Creation and maintenance of automated data tests on Python

**Technologies:** PostgreSQL, AWS (S3, ECR, EKS, RDS, Amazon Redshift, Amazon SageMaker, SQS, Secrets Manager), Periscope, AirFlow, Datadog, Python(PyTest, Pandas, Plotly, Allure), CircleCI, Snowflake

### **Automation / Manual QA Engineer, Financial Project, NDA**

2019 - 2020

**Description:** Mobile banking with the ability to invest and purchase securities.

#### **Responsibilities:**

- Testing a multi-platform application (Android, iOS,) as part of a large team, writing test documentation, UI / UX testing.
- Testing the server side of mobile banking, creating and maintaining automated API tests in Postman.
- Testing the admin WEB platform, integration with BackEnd and mobile-side. Testing open APIs for Dozens to interact with other UK banks.

**Technologies:** PostgreSQL, MongoDB, Postman, Charles, Swagger, GrayLog, Sentry, AWS, Mailchimp, Stripe. Integration with 15+ third-party services was also tested.

### **QA Engineer, Media Project, NDA**

April 2016 - July 2019

#### **Responsibilities:**

- Functional & UI testing of Web applications
- Create test cases & documenting them in Confluence
- Leading QA Team.
- Bug reporting
- Communicating with Product/Project management about test cycle results.

## **EDUCATION**

### **Master's Degree in Electronic Engineering, National University of Radio electronics**

September 2005 - July 2010

