**Svetlana Liguzova**

**Job market clearance preparation**

1. **Tell me about Company (each company in your resume)?**

**XYZ company**

I am currently working as a Software QA Engineer in XYZ company.

It is Web and Mobile applications development shop with domestic and international clients.

The company has been in the software development business since 2002.

Now the company is located in Plano, TX. But it was founded in Portland, OR, by two friends.

Today more than 20 people are working out of Plano office. And about 50-60 people are working remotely from the US and overseas locations.

There is also a satellite office in Samara, Russia.

1. **Tell me about the application you tested (for each application in your resume)?**

The project I am currently working on as a tester is a mobile application for viewing and sharing short videos.

This application is similar to TikTok and similar to social networks. But he has one interesting feature, the main idea. This is the participation of each video in the battle for 24 hours. Based on the results of the battle, it is possible to earn both gift and real money. It is also possible to send both gift and real money to the creators of videos that we liked. Here you can mark the videos you like, leave comments, share videos with friends as well.

The application is being developed for iOS and Android platforms.

The main problems that we encountered while working on the project were incorrect work with credentials both when registering a new user and an existing one. Also at the beginning of the project, there were problems with uploading videos.

At the moment, integration with payment systems is still in the development process.

The main tools used for testing were Android Studio (ADB), Xcode for the iOs platform, Devices Farm (Samsung Remote Test Lab), Charles Proxy.

I was mainly responsible for testing on the Android platform.

1. **What was your typical work day at company XYZ (in your resume)?**

My typical workday in this company usually begins with a small scram meeting.

It usually takes no more than 15-20 minutes.

As a rule, we discuss what was done yesterday, what we plan to do today. The problems encountered and the ways to solve them are also discussed.

After the meeting, I start to carry out my current tasks: create and update test cases, execute test cases, check fixed bugs, do regression and build acceptance testing, write bug reports.

1. **What brought you to QA field?**

After graduation, I worked for a long time in the maintenance and implementation of software. I found many bugs, wrote to developers about problems.

While doing this, I began to think about improving the quality of the software, about the possibility of reducing the number of problems and errors in the software.

Friends who were involved in software development advised me to try QA, and I began to study this direction. Started with small projects on Utest.

Later I got a job at XYZ company, where I currently work as a Software QA Engineer

Today I believe that I have found a business that I love to do. I am committed to building my career in software testing only.

I want to develop my skills further and to be someone who makes the difference in software testing

1. **Tell me about yourself?**

I have a bachelor’s degree in Information systems and technologies.

After graduation in 2001, I started to work as a software engineer.

My responsibilities included the implementation (installing and configuring applications) and maintenance (updating, database backup, user training) of software for energy companies, financial software. I was also responsible for the company's IT infrastructure.

Responsibilities also included the development of technical specifications for the development and methodology of financial accounting.

While doing software maintenance, I started thinking about improving the quality of the software, about the possibility of reducing the number of problems and errors in the software.

Friends who were involved in software development advised me to try QA, and I began to study this direction. I started with small projects at Utest.

Three years ago, my husband and I became US Green Cards holders.

In the United States, I got a job at XYZ company, where I am currently working as a Software QA Engineer.

Today I believe that I have found a business that I love to do. I am committed to building my career in software testing only.

I want to develop my skills further and to be someone who makes the difference in software testing.

I am hardworking, attentive to detail and get along well with all team members.

1. **How do you see yourself in 5 years?**

I want to continue developing my skills, to grow as a professional.

To be a great team member.

I want to help all team members to achieve our common goals.

And I want to be someone who makes the difference in software testing.

1. **Write test cases for the login/password feature.**

First of all, we need to ask about the requirements on the basis of which we can write tests.

Suppose we have the following requirements.

**Requirements**:

1. Valid login and valid password combination lets the user in
2. Any other combination will be rejected
3. Password field displays input in asterisks
4. Autofill of password not available
5. Copy menu item on the Password field is disabled
6. Cut menu item on the Password field is disabled

**Preconditions**:

Existing account:

login: saburova,

password: lana1234

We should always start with Positive testing. So, the first test case should be to check it is possible to log in with correct data for an existing account.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Title | Instructions/Steps | Test Data | Expected result |
|  |
|  |
| TC\_1 | LogIn\_Sign with correct login/correct password | 1. Enter correct login 2. Enter correct password | saburova/lana1234 | User logged in successfully |  |
| TC\_2 | LogIn\_Sign with correct login/invalid password | 1. Enter correct login 2. Enter invalid password | saburova/lana4321 | Rejection. Error message |  |
| TC\_3 | LogIn\_Sign with invalid login/correct password | 1. Enter invalid login 2. Enter correct password | saburovasw/lana1234 | Rejection. Error message |  |
| TC\_4 | LogIn\_Check keeping password | 1. Enter correct login 2. Don't enter password | saburova/ | No autofill. Rejection. Error message |  |
| TC\_5 | LogIn\_Masking password | 1. Type 12345678 in Password field | 12345678 | Shown in asterisks |  |
| TC\_6 | LogIn\_Copy menu item on Password | - | - | Option disabled |  |
| TC\_7 | LogIn\_Cut menu item on Password | - | - | Option disabled |  |

1. **Write test cases for testing a pencil.**

First of all, we need to ask about the requirements on the basis of which we can write tests.

It is necessary to understand the functions and characteristics of the object.

Suppose we have the following requirements for a pencil.

**Requirements**

1. Purpose is an office pencil

2. Requires sharpening with a sharpener

3. Writes on paper

4. Writes with middle press

We should always start with Positive testing, because if a device or object doesn’t fulfill its primary purpose, then further testing does not make sense at all.

So, a pencil must at least be able to write.

Then the test cases will be as follows.

1. Functional testing

1.1 Positive testing

- Sharpen with a sharpener

- Write with medium pressure on paper

1.2 Negative testing

- Write with light pressure

- Write with strong pressure

- Sharpen with a stationery knife

- Sharpen with a kitchen knife

- Write on wet paper

- Write with a wet pencil

- Write on the table

2. Non-Functional testing

2.1 Usability testing

- Convenience of writing

- Comfortable to hold in hand

- Convenience of sharpening

- Does not roll off the table

- Placed in a glass

- Fits in a pencil case

2.2 UI-testing

- The color of the outer casing of the pencil meets the requirements

- The material of the outer body of the pencil meets the requirements

- Explanatory inscriptions are applied to the outer body of the pencil

2.3 Performance testing

2.3.1 Load testing

- How quickly it will run out with average pressure

- How quickly it will run out with weak pressure

- How quickly it will run out with strong pressure

- How many times can you sharpen

2.3.2 Stress testing

- Drop

- Trying to bend

- Press very hard when writing

- Get wet

- Heat

- Chill

2.3.3 Reliability testing

- lead didn’t break after falling

- outer body of the pencil didn’t break after falling

- pencil can write after it gets wet

1. **What is Regression testing?**

Regression testing is partial retesting of a modified program to make sure that no new errors were introduced while making changes to the code.

1. **What is build acceptance testing?**

Build acceptance testing is the test, that done on every new build to verify it is good enough to be accepted for testing.

This is the most frequently executed test.

1. **What is usability testing?**

Usability testing is a testing type to determine how easy and user-friendly a software application is.

Evaluation of a software application is done by testing it with target end-users, that use software application to expose usability defects.

1. **What is user acceptance testing?**

User acceptance testing is the very last test done before software is given to the client.

This type of testing performed on behalf of users to determine it can be accepted or not.

The main purpose of this testing is to validate the software against the business requirements.