



## Bluespacelabs – QA Engineer

Any location | 2-4 Years

### Key Deliverables

- Creating Testing methodologies.
- Plan the test strategy that would be conducted to evaluate the functional requirement and deliver the application with quality.
- Product needs to be tested to validate the end-to-end functionality of the user stories.
- Functionality Testing should factor techniques to design test cases to ensure optimum test efficiency.
- Automation testing to test the UI of the application.
- Functional test cases for API Testing
- Creation of Test Cases and Scripts
- Test Case: Manual steps depicting the functional flow of a business processes.
- Test Scripts: Automation scripts testing the scenario covered in the manual test case.

### Testing Areas Coverage Expected

#### Unit Testing

#### Component Testing

- Micro-Frontend UI Components
- BFF Entities
- Biz Components
- Amazon MSK (Kafka) Configuration
- Persistent Data (read/write) Components
- Integration Testing
- System Testing

#### Functional Requirements

- End to End (User) Scenarios
- Browser Compatibility
- Usability

#### Non-Functional Requirements

- Performance
- Scalability
- Availability
- Reliability

#### Software and tools requirement

- Junit - Java
- JEST - Javascript/React
- JIRA - Bug Tracking
- Selenium with TestNG- UI Automation
- RestAssured - REST API testing
- Traffic Parrot - Service virtualization
- Wiremock - API mocking
- Pact - Contract Testing
- Testcontainers - Containerized PostgreSQL
- Version Control - GitLab