**Automation Engineer**

**1. Test Automation**

**2. Selenium**

**3. Automated Testing Frameworks**

**4. Test Scripting**

**5. Test Case Design**

**6. Test Execution**

**7. Continuous Integration (CI)**

**8. Continuous Delivery (CD)**

**9. Test Frameworks (JUnit, TestNG, NUnit)**

**10. BDD (Behavior-Driven Development)**

**11. Test Data Management**

**12. Test Environment Setup**

**13. Test Coverage Analysis**

**14. Test Reporting**

**15. Regression Testing**

**16. Functional Testing**

**17. Performance Testing**

**18. Load Testing**

**19. API Testing**

**20. Web Services Testing**

**21. Test Automation Tools (Cucumber, JMeter, SoapUI)**

**22. Test Management Systems (Jira, TestRail, Zephyr)**

**23. Version Control Systems (Git, SVN)**

**24. Programming Languages (Java, Python, Ruby, C#)**

**25. Object-Oriented Programming (OOP)**

**26. Test Design Patterns**

**27. Test Driven Development (TDD)**

**28. Continuous Testing**

**29. Test Strategy**

**30. Defect Tracking and Management**

**31. Code Review**

**32. Build and Release Management**

**33. DevOps**

**34. Agile Testing**

**35. Performance Monitoring and Analysis**

**36. Test Environments (Virtual Machines, Containers)**

**37. Test Data Generation**

**38. Test Automation Framework Design**

**39. Cross-Browser Testing**

**40. Mobile App Testing**

**41. Web UI Testing**

**42. API Integration Testing**

**43. Code Coverage Analysis**

**44. Test Scalability**

**45. Testability Analysis**

**46. Test Code Refactoring**

**47. Test Automation Metrics**

**48. Test Documentation**

**49. Debugging and Troubleshooting**

**50. Quality Assurance (QA) Best Practices**