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Experience Summary:

- Over **3+ years** of experience in Information Technology, specializing in **Software Quality Assurance Testing,** proficient in testing on **Client/Server** and **Web and API based applications** and good experience on **Core Java, OOPS** concepts.
- Expertise in understanding Business Requirement Specifications, Functional Specifications and Design documentations and converting them into comprehensive Test Scenarios with Test Strategies and Testplans.
- Extensive experience in reviewing and analyzing Business Requirements and creating Test Plans, TestCases, Test Scripts, Test Estimation & Requirement Traceability Matrix.
- Proficient in executing Test cases to produce bug/defect and reports on resolved bugs using **JIRA**. Extensively experienced in working with **HP ALM/Quality Center** for Site Administration.
- Active participant in all the **Agile** ceremonies sprint planning, Test Review, Sprint demo, Retrospective,Backlog Grooming, and bug triage meetings.
- Experienced in designing and developing Test Cases for automated testing using **Selenium**. Proficientin creating **Selenium** tests scripts for regression testing and performing Data Driven Test using test data from excel files.
- Experienced in configuring **Selenium WebDriver, TestNG, Maven** tool and creating **selenium** automation scripts in **java** using **TestNG** in **Agile** environment.
- Created test data using **Selenium, Java, Java Scripts** and provided framework for creating test data for the application.
- Experience in creating **Jenkins CI/CD** pipelines to run automation suites on daily basis/for release runs.
- Implemented **Appium** scripts to test **IOS and Android** platforms.
- Hands on experience in using build and project management tools like **Ant, MAVEN**, and Configuration management tools like **SVN, GIT**.
- Experienced with Unit Testing, **TestNG, ANT, Maven** and **Jenkins** using scripting language of **Java, JavaScript, XML, Excel, HTML/DHTML DOM**, and supporting tools.
- Experience working on **TOSCA**, Creation of Modules/ Libraries/Test Cases/Execution List/Test Events, Requirements Mapping, Test Execution on DEX Machines, Integration of **CI/CD/CT- TOSCA** Automation tests. Installation & Configuration of **TOSCA/DEX**.
- Good experience in testing both **SOAP** and **REST** services using **SOAP UI, Postman, Rest Assured** and Tested both **XML and JSON** formats.
- Strong hands-on experience in developing automation scripts for **Web UI, Web Services and APIs**.
- Solid knowledge in **Java and OOPS concepts** (Inheritance, Encapsulation and Polymorphism), Object,Method, Interface, Abstract Class, Keywords and Variables required for **Selenium** frameworks.
- Good Knowledge in using **GitHub** for code repositories and **Maven** for the dependencies and **Jenkins** Continues integration.
- Experience in interacting with cloud services in **AWS** like **EC2, S3 bucket and DynamoDB**.
- Good exposure in preparing weekly status reports to keep track of project deliverables, attend andfollow up items discussed in stand up and scrum meetings.
- Experience in defining Testing Methodologies, Designing Test Plans and Test Cases, Verifying and Validating Web based and Client/Server applications.

Education:

- Master of Computer and Information Sciences from New England College, New Hampshire.
- Bachelor of Engineering from GITAM Deemed to be University, India.

Technical Skills:

Test Approaches	Waterfall, Agile/Scrum, SDLC, STLC, Bug life Cycle
Testing components and Frameworks	Selenium WebDriver, Selenium Grid, TestNG, Jenkins, Cucumber,Page Object Model, Keyword Driven, Data Driven, Hybrid.
Testing Tools	Quality Center, HP ALM, Tricentis Tosca
Development Methodologies	Agile/ Scrum, Waterfall, Jira, Kanban
Languages:	C/C++, JAVA, Java script, Python
Database/Database Tools	SQL, SQL Server, Oracle, MySQL
Operating Systems	Windows XP, UNIX, LINUX
Version Control Tools	Subversion (SVN) GitHub, and Git
Utilities	Eclipse, MS Project, Outlook, Excel, PowerPoint, MS Access, Word

Certifications:

- Tricentis Tosca Fundamentals - Automating web application testing (AS1).
- Tricentis Tosca Fundamentals - Optimizing test automation with centralized test data (AS2).

Professional Experience:
Sagar soft Inc, India
Sep 2018 to Aug 2021
QA Automation Engineer / Manual Tester

Roles and Responsibilities:
- Created reports that included a general overview, open bugs, new bugs, and enhancement requests.Entered new bugs and maintained the status of those bugs.
- Good working experience on **SOAP UI** for testing and validating various web services used in the application, **POSTMAN** and **Rest** for **Restful webservices testing, API automation** using **Rest Assured APIs** and **Service Virtualization**
- Responsible for maintaining relevant documents regarding requirements.
- Participated and organized weekly meetings and walkthroughs to improve the testing efforts.
- Performed **functional testing, end-to-end testing, Regression Testing,** and database validation for theweb-based application.
- Developed, documented, and maintained test cases and other test artifacts like the test data andautomated scripts.
- Created **Java** based scripts for **Selenium WebDriver** with **TestNG** as **automation** framework.
- Developed & maintained the test automation regression suite for release cycle.
- Analyzed test cases to identify the scenarios that can be automated using **Selenium WebDriver** with**Java**.
- Participated in meetings and walkthroughs and responsible for weekly status.
- Attended project meetings, release meetings, and QA status meetings.
- Developed new **BDD** framework from scratch which includes **REST and SOAP API** automation and **GUI** test automation using Java and **Eclipse IDE** and **TestNG** framework for functional and regression suite.
- Collaborate with **Agile** team engineers to understand the user story and its acceptance criteria to derive test scenarios from **system specification documents**.
- Plan, develop and execute a test case across Customer products in close collaboration with the product owners & engineering team in agile scrum.
- Feasibility study for the **regression** test cases to identify which could be automated based on **functionality coverage**.
- Web Service (**REST**) automation in postman to validate the response for **API** request.
- Created **Postman collections** for API test cases and configured them to run from **Jenkins** using **Newman**.
- Designed automation test cases using **cucumber** and **TestNG** framework in **Page object model**.

- Used **TestNG** framework for creating **Selenium** scripts with Data Driven framework using **Data Provider** annotation.
- Hands-on experience in creating test automation scenarios for web from scratch using **Selenium WebDriver**, Behave and Allure
- Experienced in developing test automation scripts using **Cucumber** framework by writing **Feature** files and **step definitions**.
- Built a test automation framework from scratch using, Behave and **Selenium WebDriver**
- Create comprehensive test automation scripts by writing effective reusable methods to construct tests to increase the re-usability and reduce the redundancy.
- Used Firebug and **Selenium IDE** to identify web elements.
- Maintained and executed **Maven** build files for executing automated tests and integrated as part of **CI/CD.**
- Extensively worked with Document Object Model (**DOM**) and locating a web element using **ID, Name, CSS selector and XPATH**.
- Experience in creating build jobs using **Jenkins** to validate the deployments after the code moves.
- Creating email reports to send them to the stakeholders after the deployment.
- Experience in writing simple to complex SQL queries including where, having, group by and joins etc. in SQL Server.
- Developing and maintaining test automation frameworks using **Core Java**, ensuring code reusability, maintainability, and scalability
- Good at automating web services by using **Rest-Assured** library with **Selenium, Java**.