# BOOMIREDDY PEDDIREDDY

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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** andgood 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 Test plans.
* Extensive experience in reviewing and analyzing Business Requirements and creating Test Plans, Test Cases, 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**. Proficient in 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 and follow 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:

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| 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 the web-based application.
* Developed, documented, and maintained test cases and other test artifacts like the test data and automated 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](https://resources.workable.com/qa-engineer-job-description) 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**.