**Pallavi Gumme**

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**Professional Summary**

* Overall 6+ years of experience in the field of Software Testing with good exposure in Quality Assurance and Testing Process along with Automation Tools Expertise
* Hands-on experience in test driven development (TDD), Behavior driven development (BDD) and acceptance test driven development (ATDD) approaches.
* Expert in developing Java Selenium Web Driver/RC/IDE/GRID test scripts using Java, JavaScript and Test Frameworks using White Box testing, TestNG/ JUnit, MAVEN build tool.
* Performed cross browser testing by using Selenium Grid on multiple browsers and on different platforms.
* Effectively developed and maintained AODA test plans.
* Knowledge of Threat modeling, Continuous Security Monitoring, Penetration Testing and Application Security.
* Performed Automation Testing with Selenium Webdriver with Java on selected projects.
* Extensive experience in writing and implementation of complex test plans, design, development and execution of test scripts for system, integration and regression testing.
* Excellent working experience of Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC) and testing methodologies like Waterfall & Agile/Scrum.
* Expertise in setting up and carrying out browser compatibility testing environments with different browsers and versions of Internet Explorer, Mozilla Firefox, Google chrome on different OS like windows and MAC.

**Education**

* Master’s in computer science - Information Technology from Dr. BAMU University, India - 2012-2014
* Bachelor’s in computer science from Dr. BAMU University, India - 2009-2012

**Technical Skills**

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| **Test Approaches** | Waterfall, Agile/Scrum, SDLC, STLC, Bug life Cycle |
| **Testing Tools** | Selenium Web Driver/IDE/GRID, JUnit, Jmeter, Cucumber,  Jmeter, TestNG, Maven, Manual Testing, Postman, Swagger, Camunda |
| **Language/ Script** | Java, JavaScript, Python, C#, SQL |
| **Frameworks** | Page Object Model, Keyword Driven, Data Driven, ATDD, BDD,  Hybrid Testing, Shift-left Testing |
| **Web development** | Java, JavaScript, Python, HTML, VB Scripts, XML, IntelliJ, Eclipse |
| **Bug Tracking Tools** | JIRA, Bugzilla |
| **Build/ CI Tools** | Github, Gitlab, Maven |

**Professional Experience**

**Client: Adaptive Biotechnologies Jan 2024- Present**

**Role: SDET**

**Responsibilities:**

* Proficiently managed all aspects of testing procedures, from crafting Test strategy and Test plans to developing Test case specifications, executing tests, tracking defects, resolving issues, documenting results, and providing comprehensive reports. Expertise spans across ETL Testing, API Testing, Unit Testing. Followed Agile methodologies- Scrum and Kanban, participated in daily SCRUM meetings and tested each SPRINT deliverables.
* Led the adoption of shift-left testing strategies, actively identifying and addressing issues in early development stages, leading to enhanced product quality, faster delivery cycles, and decreased project expenses.
* Utilized Page Object Model (POM) and Apache POI within WebDriver Scripts, while leveraging Data-Driven, Keyword-Driven, and Hybrid Frameworks with Selenium WebDriver, JUnit, and Java.
* Effectively oversaw version control operations and fostered collaborative project environments through GitLab, optimizing development workflows and promoting cohesive team dynamics.
* Established and tailored the testing environment utilizing Eclipse, IntelliJ, Maven, TestNG, Selenium WebDriver, and Selenium Java client driver to ensure optimal configuration for testing processes.
* Demonstrated expertise in designing and executing comprehensive API testing suites using industry-standard tools and frameworks such as Postman or Swagger, REST Assured, ensuring the reliability, scalability, and security of backend systems.
* Leveraged DBeaver for seamless database management, enhancing efficiency in querying, data manipulation, and performance optimization, ultimately supporting streamlined development and troubleshooting workflows.
* Employed Camunda to streamline business processes through automation, orchestration, and real-time monitoring, optimizing workflow efficiency and driving enhanced integration across diverse systems, resulting in improved operational agility and business performance.
* Applied Mirth to facilitate seamless integration and interoperability across disparate healthcare systems, effectively managing data transformation, routing, and interface connectivity, thereby ensuring the reliability and efficiency of healthcare IT solutions.
* Utilized JIRA proficiently for streamlined project management, overseeing tasks, tracking issues, and coordinating workflows, thereby promoting efficient collaboration and ensuring timely delivery of software projects.

**Client: Moneris Oct 2021- Sept 2023**

**Role: SDET**

**Responsibilities:**

* Extensively worked with all phases of testing deliverables including creation of Test strategy, Test plans, Test case specifications, Test Execution, Defect tracking, Resolution, Documentation and Reporting, ETL Testing, API Testing, Unit Testing.
* Followed Agile methodologies- Scrum and Kanban, participated in daily SCRUM meetings and tested each SPRINT deliverables.
* Intermediate Swift knowledge, automate iOS app regression using XCUI Test Libraries.
* Implemented Page Objects Model (POM), Apache POI in Web-Driver Scripts, Data Driven, Keyword Driven and Hybrid Frameworks using Selenium Web-Driver, Junit and Java.
* Created CI/CD pipelines to run tests automatically after every build and deploy with Jenkins.
* Setup and configured the testing environment with Eclipse, Maven, TestNG, Selenium Web-Driver and Selenium Java client driver.
* Worked on developing the automated framework as well as automating the test scripts using Selenium Web Driver, Python, TestNG, Selenium.
* Involved in Automation testing in iOS native apps using XCUI Test suite with Swift.
* Strong understanding of Behavior Driven Development (BDD) using Cucumber / Gherkin: features, scenarios, and step definitions.
* Provided weekly status reports to project manager and team lead, worked closely with Business and Development teams.
* Performed Functional testing, Regression testing, UI testing, Integration testing, Stress & Load testing of the application in Java using Selenium.
* Involved in all Unix System Production Support by writing Unix commands through shell scripting and troubleshooting customers urgent requests.
* Provided weekly status reports to project manager and team lead, worked closely with Business and Development teams.
* Designed ETL test cases, scripts and scenarios within the limited time.

**Maternity Break March 2020 - Sept 2021**

**Client: FCT April 2019 - Feb 2020 Role: Automation Specialist**

**Responsibilities:**

* Participated in Daily Scrum Meeting, sprint planning, Demo Meeting and Retrospective Meeting for agile scrum development
* Develop Behavior Driven Development (BDD) test cases using Gherkins Developed automated scripts in Python with Robot framework.
* Preparing and Executing SIT test Cases/Scripts in ALM, Creating Functional/Regression Test Cases in ALM.
* Performed test automation Development using test framework that implements Page Object Model (POM), Cucumber feature files, and TestNG configuration files Design and develop Test Plan, Test Cases, and Automated Test Scripts in Java and Selenium.
* Performed ETL and Database testing, wrote complex SQL queries, MongoDB for Data Profiling, Data validation Generated status reports and Defect reports and presented them in weekly status meetings.
* Communicated with different team such as development, requirement, and configuration management.
* Involved in testing REST services using Rest Assured and tested both XML and JSON formats.

**Client: Maven Systems, India Feb 2016 - Jan 2019 Role: Quality Analyst**

**Responsibilities:**

* Participated in daily standup, grooming, retrospective, sprint planning, Defect triage and sprint review meetings in Agile/Scrum methodology.
* Designed Automation framework to test UI Functionality using WebDriver, TestNG, Maven, Log4j and Eclipse in Java.
* Analyzed the system requirements, developed detailed test plans, test cases, and provided the documentation.
* Performed System, Integration, Smoke, Sanity, Functional, End to End, Positive and Negative using Selenium Web-Driver, TestNG and Java (Eclipse) and monitored the behavior of the applications during different phases of testing using testing methodologies.
* Developed and executed SQL queries in the database to conduct Data integrity testing by checking the data tables on the server.
* Performed API testing analyzed the response using Postman.
* Experience in Agile Dev testing for in-sprint test management using qTest.
* Involved in testing both XML and JSON formats Developed automation framework and scripts for End to End testing using Selenium Web-Driver and Java.
* Reported various defects in user-friendly format using JIRA as a test management tool and defect-tracking tool.
* Participate in an iteration retrospective meeting to discuss previous iteration's success, failure and recommend process improvements for the next iteration.