# **Divya Krishna**

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# **Experience Summary:**

* Over 9+ years of experience in QA Engineering, specializing in Mobile, Web Services, and Web-based application testing across Banking, Automotive, and E-commerce domains.
* Proficient in Automation using Selenium WebDriver, QTP/UFT, Java, POM, Cucumber, and Maven.
* Skilled in creating Automation frameworks (Keyword, Data-Driven, Hybrid).
* Expertise in various testing types: Regression, System, Integration, UAT, API, and Load testing.
* Proficient in tools like Appium, Postman, SOAP UI, JUnit, TestNG, and LoadRunner for performance testing.
* Hands-on experience with CI tools like Jenkins and Bamboo.
* Experienced in API testing, Backend Testing with SQL (Oracle, SQL Server), and defect tracking through HP Quality Center and JIRA.
* Well-versed in SDLC, STLC, and testing methodologies such as Black Box, White Box, and Grey Box.
* Strong documentation and communication skills, capable of working independently and in teams.

# **Technical Proficiency:**

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| **Automation Testing Tools** | Selenium IDE, Selenium WebDriver, QTP, Cypress |
| **Test Frameworks:** | TestNG, JUnit, Cucumber, BDD, |
| **Database/Database Tools** | MS SQL Server, MySQL, Oracle |
| **Web Services Testing Tools** | SoapUI, Postman, Swagger, Rest assured |
| **Programming Languages** | JAVA, Java script, Python, C# |
| **Version Control** | Git, Bit bucket |
| **Project management Tools** | JIRA and Azure |
| **Build and Integration Tools** | Maven, Extent Reports |
| **Operating Systems** | Windows, macOS |
| **Utilities** | MS Project, Outlook, Excel, PowerPoint, Word |
| **IDE’S** | Eclipse IDE, IntelliJ, VS Code |
| **CI/CD Tools** | Jenkins |

# **Work Experience:**

**R Systems International, Noida**

**Senior Test Automation Engineer** **Dec 2021 – June 2022**

**Client: CEA – OBERO**

**Responsibilities:**

* Analyzed business requirements and technical specifications for the system.
* Acted as a QA Test Automation Engineer in an agile team, testing Web applications.
* Participated in daily SCRUM meetings, testing each SPRINT deliverable.
* Developed manual and automated test cases from user stories, acceptance criteria, and requirements
* Automated test scripts using Selenium and Cucumber with Page Object Model (POM), integrated with Jenkins.
* Performed Smoke, System, Regression, and UAT testing, including Cross-Browser testing (IE, Firefox, Chrome, Safari).
* Utilized Git/GitHub for version control and coordinated defect management using JIRA.
* Conducted SOAP & RESTful Web Services testing with SOAPUI and Java/Junit for automation.
* Configured CI/CD pipelines with Jenkins for Android app testing and integrated Appium for cross-platform mobile automation (Android & iOS).
* Developed API tests with Rest Assured to validate backend functionality.
* Created and maintained QA documentation, status reports, and test case repositories using Zephyr.

**Environment:** Java, OOPS, Selenium Web Driver, Eclipse, TestNG, Junit, Jenkins, Git Hub, Firebug, SOAP UI, REST, Gherkin, Agile, XML, Json, POSTMAN.

**Innominds Software Pvt Ltd, Hyderabad Jan 2020 – Oct 2021**

**Senior Software Engineer**

**Clients: OTIS**

**Responsibilities:**

* Involved in all stages of the testing life cycle and SDLC using Agile methodology.
* Developed robust MVC pattern-based testing with Selenium WebDriver, cutting down script development time by 50%.
* Designed and developed automated test cases using Selenium and N Unit in C#.
* Configured Selenium WebDriver and N Unit to create automation scripts prior to agile release.
* Performed Functional, UAT, Regression, Compatibility, and Smoke testing on web-based apps with front-end technologies (HTML, CSS, JavaScript).
* Developed test cases, scripts, and test data for trade testing.
* Created automation scripts using Selenium WebDriver and N Unit for regression testing.
* Imported test cases and test data into ALM and created custom reports.
* Designed and developed data-driven frameworks with Selenium WebDriver, N Unit, and C#.
* Wrote data-driven tests to assess application performance with various data sets.
* Enhanced test scripts to handle changes in the application’s GUI and testing environment.
* Developed automation scripts for regression and performance testing using Selenium WebDriver.
* Worked on element verification with XPath and CSS Locators in Selenium.
* Used Page Object design and page navigation framework for maintainable test scripts.
* Involved in acceptance testing using Cucumber and Selenium WebDriver.
* Performed web service testing using POSTMAN, SOAP UI, and verified SOAP services and REST APIs.
* Strong experience in SQL queries and ETL processing in Data Warehousing.
* Created automated iOS tests with XCUI Test, integrated with Appium and Xcode for cross-platform testing.
* Set up Jenkins-based CI pipelines for iOS app testing, improving feedback cycles

**Environment**: C#, Selenium Web Driver, N Unit, Maven, Jenkins, GIT, ALM, Sikuli, POSTMAN, SOAP UI, REST API, TDD, Agile, HTML, XML, Json, XPath, JavaScript, Quality Center, Firebug, SQL, PLSQL, UNIX, Windows.

**Virtusa Consulting Services Pvt Ltd, Hyderabad** **Feb 2017 – Jan 2020**

**QA Automation Engineer**

**Client: Cisco Retailer**

* Design and implement automated test scripts using Selenium WebDriver with Node.js and the mocha framework.
* Conducted cross-browser testing to ensure consistent performance and functionality across multiple web browsers.
* Utilized GitHub for version control, managing repositories, and collaborating with team members on code changes and enhancements.
* Integrate automated tests into CI/CD pipelines using tools like Jenkins to ensure regular execution and feedback.
* Monitored test execution results and analyzed performance metrics, identifying areas for improvement and optimizing testing processes.
* Worked closely with developers and QA teams to identify, document, and resolve defects, prioritizing issues based on project timelines.
* Maintained clear and concise documentation for test plans, test cases, and testing procedures to ensure knowledge sharing and compliance.

**Environment**: Node.js, Selenium Web Driver, Mocha, Maven, Jenkins, GIT, JIRA Bug Tool, JavaScript, LoadRunner

**Client: Royal bank of Canada**

* Developed and maintained automated test scripts using Selenium WebDriver, Python, and pytest, improving test execution efficiency and reducing manual testing time by 40%.
* Designed and implemented a scalable test automation framework, utilizing Page Object Model (POM) and integrating with CI/CD pipelines (Jenkins, GitLab CI) for continuous testing.
* Automated end-to-end web and API testing, including cross-browser testing and data-driven validation with Excel, CSV, and JSON files.
* Generated detailed test reports using pytest and Allure, collaborating with developers to debug and resolve issues, ensuring stable and reliable test environments.
* Mentored junior testers and optimized test scripts for performance, stability, and reusability, contributing to faster and more efficient testing cycles.

**Environment**: HP ALM, Pytest, Python, Allure reports

**Product #2:**

**Title: Schedule Optimus Jan 2013 – Jan 2017**

**Client:** **MITSUBISHI MOTORS, RICOH, SPICENET**

* Understand functional requirements and coordinate with the BA team for clarifications.
* Create test plans and develop automation test scripts using Selenium and Java.
* Execute tests using Data-driven and Keyword-driven frameworks.
* Perform retesting, regression, exploration, and ad-hoc testing.
* Report defects using bug tracking tools and track them until resolution.
* Create and update test cases and traceability matrix as per requirements.
* Conduct mobile app testing across devices and platforms for functional, usability, and security testing.
* Provide daily QA status updates in performance reports.

**Product #1:**

**Title**: **Enterprise Optimus**

**Client: Allianz Cornhill**

**Description:**

* Assisted in designing, developing, and executing automated test scripts using Selenium WebDriver and other tools.
* Collaborated on creating and maintaining automated test frameworks (e.g., Data-Driven, Keyword-Driven) and test plans.
* Executed tests across multiple platforms and browsers for compatibility and functionality.
* Worked with the development team to identify and resolve defects.
* Contributed to test case documentation, including scripts and traceability matrices.
* Supported CI/CD pipeline configuration with Jenkins or Bamboo.
* Monitored test results and provided defect reports.
* Performed functional, regression, and smoke testing using automation.
* Gained experience in various testing methodologies and tools like JUnit, TestNG, and Postman.
* Assisted in performance testing with JMeter or LoadRunner.

# **Education:**

* Bachelors in computer science from JNTU Hyderabad in 2012.