**Sindhu Priya Katakam**

**Sr. QA Automation and Manual Engineer**

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 ***(734) 299-4157 ext(112)***

**Available to work immediately and willing to relocate across US on day 1. Only C2C roles**

Around 9+ years of experience in Software Quality Testing and Development and Web based Automation Testing, mobile testing, and expertise in domain technologies like **Ecommerce**, **Banking, Finance, Health Care, and Insurance**.

* Strong knowledge of **Software Test Life Cycle (STLC**), **Software Development Life Cycle (SDLC),** Bug Life cycle and methods like **Agile, Scrum**.
* I had involved in **Software Development Engineer Test (SDET)** working with Java where I involved in automated tests, Frameworks and Tools based on quality and reliability of software applications.
* Extensive Experience in Quality Control for **Web Based**, **Desktop** and **Mobile Applications.**
* Demonstrated abilities in writing or creating **Test Plans**, **Test Scenarios, Test cases, Traceability Matrix, Test automation Scripts** and **Test Reports**.
* Proficiently utilized automated testing tools like **Selenium** for both **Functional** and **Regression Testing** purposes.
* Demonstrated expertise in crafting Automation Frameworks using **Selenium Web Driver**, enhancing efficiency in testing workflows.
* Possess excellent command over Unit Testing Frameworks like **JUnit** and **TestNG**, contributing to **robust code testing**.
* Showcased adeptness in software testing encompassing both **Manual** and **Automated approaches**, **encompassing Test Planning**, **Design, Execution, Defect Management, Reporting, Tracking,** and **Selenium RC** for web-based testing within the **Eclipse IDE**.
* Executed tests by deploying custom Test Scripts to implement **Test Cases, Scenarios**, and features using **BDD (Behaviour Driven Development)** and **TDD (Test Driven Development)** principles, employing Cucumber's **Gherkins format.**
* Skilled in utilizing Build and Configuration Tools such as **ANT** and **MAVEN**, streamlining the development process.
* Offered expertise in crafting **Test Strategies, Test Plans**, and executing them, while also proficiently managing Defects and their tracking.
* Exhibited strong familiarity with **Hadoop** and **No-SQL databases like MongoDB**, along with a comprehensive understanding of their testing intricacies.
* Possessed in-depth knowledge of **testing cloud-based applications** across **SaaS, PaaS**, and **IaaS** models, prioritizing seamless integration, data security, and scalability.
* Integrated Rest Assured tests seamlessly into **CI/CD pipelines**, thus automating API testing for enhanced software delivery workflows.
* Encompassed experience across diverse **financial domains, particularly Banking, E-commerce**, and **Insurance sectors**.
* Engaged in the entirety of **Software Development Life** **Cycle (SDLC), spanning Agile (Scrum and Kanban), Waterfall, V-model**, **STLC,** and **Bug Life Cycle**.
* Proficient in identifying **Test scenarios, crafting effective Test Cases** using various Design Techniques.
* Expertly conducted automated tests on the **Browser Stack platform**, ensuring optimal application performance across **a spectrum** of browsers and devices.
* Extensively practiced various Testing types including **Integration, System, Functional, Regression, Sanity, Smoke, User-interface** **(GUI), Database**, and **User Acceptance Testing (UAT),** alongside Performance Testing.
* Possessed sound knowledge of **Azure** within the context of **Continuous Integration and Continuous Delivery (CICD).**
* Operated defect tracking tools including **Jira, Test Director/Quality Centre**, and **Team Foundation Server, ensuring streamlined** issue management.
* Proficient experience with **Continuous Integration Tools like Jenkins, enhancing efficiency** in the development pipeline.
* Took on the responsibility of conducting product testing through **SQL Queries** and **UNIX** commands for comprehensive **DB** checks and **backend data validation**, especially for startup/new builds.
* Executed automated test scripts using **Mercury Tools** (**Test Director/Quality Centre, LoadRunner, QTP**) and **JMeter**, aligning with business/functional specifications.
* Demonstrated prowess in Requirements Analysis and documentation of **Test Strategies, Plans,** and **Cases.**
* Crafted **six intuitive** and fully functional applications for **Android** and **iOS platforms.**
* Conducted thorough API testing utilizing Karate, covering **RESTful APIs, web serv**ices, and **microservices** to ensure their functionality and behaviour.
* Exhibited expertise in Testing REST APIs via tools like **Robot Framework** and **SOAP UI.**
* Showcased strong competence in **testing web services**, utilizing tools like **SOAP UI** for RESTful web services.
* Proficiently tested databases in applications built with **SQL Server, Oracle**, and **MS Access.**

**TOOLS AND FRAMEWORKS**

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| --- | --- |
| Testing Tools | Selenium Web Driver/RC/IDE/Grid, Quick Test Pro (QTP/UFT), LoadRunner, Rest Assured, Postman, Soap UI, IOT, Testing Rally, TestNG, Jenkins, Protractor, JMeter, Appium, Swagger, Gradle, Groovy, Zephyr, Hudson, Cypress, Jasmine, Playwright, Puppeteer, Katalin, Fire Path, Google Lighthouse, performance Testing. |
| DefectTracking Tools | Bugzilla, Splunk, Quality Center (9, 10, 11.0), Jira, VersionOne |
| BDD Frameworks | Cucumber, Keyword, and Data-driven framework, Test-Driven framework |
| Programming Languages | Java, Python, SQL, PL/SQL, C, C++, Ruby, C Sharp |
| Web Services | SOAtest, REST, SOAP UI, ITKO Lisa |
| Web Technologies | HTML 5, Angular JS, AJAX, X path, CSS 3, JavaScript ES6, XML, Amazon web service, SOAP, XSL, XSLT, XHTML, JSP, PHP, jQuery, JSON, DOM, JSF, JSTL, JAXB and JAXP, Node, React JS |
| Script Languages | Java Script, UNIX Basics, SQL scripting, VB Script |
| Platforms | Windows 2003 Server, UNIX, Windows XP/Vista/7/8, MAC OS X, LINUX |
| Databases | Oracle R12, MS SQL Server 2005, 2008, 2014, No SQL, MongoDB, Postman, Triggers, Views, Visualizer |
| Big Data Tools | Hadoop, HDFS, Hive, Spark |
| Cloud Services | Azure, Kubernetes, Bit Bucket, Sauce Labs, Kafka, Browser Stack., AWS, Maven, CI/CD, DevOps, Docker |
| ETL Tools | Informatica, Autosys |
| UML Tools | MS Visio, MS Project, UML |
| Methodologies | Agile Scrum, Kanban, Waterfall, SDLC, STLC, Bug Life Cycle |
| IDE& Reporting Tools | Git, Confluence, Eclipse 3.3,3.4,3.5, Net Beans 6.0 |
| Design Patterns | Page Object Model and Page Factory |
| Web Servers | Apache Tomcat 9.x, JBoss |

**PROFESSIONAL EXPERIENCE:**

**Early Warning Services (Zelle) Arizona (AZ) November 2023 –Till Date**

**Role – Senior SDET (Data) – Software development Engineer in Testing**

**Responsibilities:**

* Worked closely with diverse teams in the banking domain to break down complex business requirements. Created detailed test plans covering essential banking scenarios, including **API, UI**, and **ETL testing**.
* Collaborated with the development and product teams to understand project requirements and user stories, ensuring alignment with business goals and customer expectations.
* Participated in sprint planning sessions to set the testing direction for the upcoming development cycle.
* Designed and Implemented a wide spread of **API** Testing framework using **Spock** ad **Groovy** Scripts, ensuring comprehensive test coverage and reusability for critical micro services.
* Validate ETL Pipelines, ensuring data integrity across ingestion, transformation and storage processes.
* Successfully integrated AWS Services (**S3, Kinesis, firehose, Lambda, Glue, Dynamo DB, Redshift, RDS SQL Server, Tableau**) into the Spock testing Framework, enabling seamless validation of cloud-based application workflows.
* Used **AWS SDKs** to interact with and validate AWS resources, including creating mock services for controlled testing scenarios.
* Implemented mocking mechanism for **AWS Services within Spock tests** to simulate and validate production-like environments without any incurring additional costs.
* Mentored team members in using Spock and **AWS SDK** for test automation, enhancing cloud-based application workflows.
* Achieved **100% test coverage** for AWS-related services by integrating AWS SDK’s with the Spock framework.
* Automated Validation for AWS-S3 based **data lakes** including bucket-level policies, object versioning and data lineage validation using AWS SDKs.
* Built reusable, Parameterized **test scripts** to perform schema validation, field-level data checks, and business rule validations for large datasets.
* Developed **API-level tests** for data services using Spock ad integrated them with backend data stores like **RedShift, Snowflake** and **Elastic Search**.
* Wrote modular test suites to validate AWS-native data services like Athena, Kinesis and Glue as part of automated workflows.
* Developed detailed **logging mechanisms** and **Debug utilities** for test scripts to facilitate Troubleshooting in complex distributed systems
* Extensively used **Rest Assured** to automate the functional and security testing of **REST APIs**, ensuring high performance and correctness of financial transactions and sensitive data handling.
* Implemented automated test scripts using Rest Assured to validate **API endpoints, response structures, status codes**, and data integrity for banking operations like balance inquiries, fund transfers, and payment gateways.
* Integrated API testing into **CI/CD pipelines** for continuous validation and regression testing.
* Leveraged **Spock's mocking capabilities** to simulate external services like credit score providers, regulatory checks, or fraud detection systems, ensuring that the core banking features can be validated independently.
* Implemented **AWS Kinesis** to stream real-time transactional data from banking applications, handling customer payments, loan applications, and investment tracking, ensuring near-real-time data processing.
* Used AWS Firehose to seamlessly load data into **Amazon S3** for long-term storage and batch processing, ensuring compliance with financial data retention policies.
* Integrated Lambda with **Kinesis** and **Firehose** to allow seamless real-time data processing and to perform specific functions.
* Used AWS Glue for **ETL (Extract, Transform, Load) jobs**, transforming raw transactional data into structured formats suitable for analysis and reporting.
* Integrated Amazon S3 to store banking data in a cost-effective and scalable manner, ensuring data security with encryption at rest and in transit.
* Integrated **Amazon Redshift** for advanced analytics on large datasets, allowing business intelligence teams to generate financial reports and dashboards for banking executives and regulatory bodies.
* Used **Amazon RDS** to manage relational databases for transactional banking systems, such as customer accounts, payment history, and loan records, with replication and backup strategies in place for high availability and disaster recovery.
* Incorporated **CloudWatch** for monitoring and tracing of API requests and Lambda executions.
* Ensured that the entire **AWS pipeline** followed banking industry standards for data security, including encryption, data masking, and access control using AWS IAM.
* Utilized **AWS Key Management Service (KMS)** to manage and control encryption keys for securing sensitive banking data across all services in the pipeline.

**Environment**: API Testing, UI Testing, ETL Testing, SQL, Postman, SoapUI, Jenkins, GitLab, Jira, Rest Assured, JMeter, Selenium, Cucumber, AWS(AWS, Kinesis, Firehose, Lambda, Glue, S3, Redshift, RDS (data lake )), LoadRunner, POS Testing, Squish, Java, Python, Selenium WebDriver, TestNG, Maven, Jenkins, JUnit.

**Bellin Health Wisconsin WI Jul 2020 – Oct 2023**

**Role – Senoir Quality Assurance Analyst**

**Responsibilities:**

* As a **Senior Quality Assurance Analyst** at **Bellin Health**, I played a pivotal role in leading a QA team.
* Collaborated with stakeholders to capture requirements using **BRD (Business Requirements Document) and FRD (Functional Requirements Document)** documents, ensuring clear guidelines for testing.
* **Designed and executed** **comprehensive test plans and test cases**, encompassing **API testing**.
* These plans were tailored to the specific needs of United Healthcare's projects, ensuring the delivery of high-quality software products.
* Proficient in utilizing Selenium, Cypress, JUnit, and PyTest for automated **functional testing** of web-based and desktop medical applications, including electronic health record (EHR) systems and clinical decision support tools.
* Utilized **HIPAA** compliance expertise in healthcare projects to safeguard patient data and privacy.
* **Developed and maintained** **automated test scripts** using **Selenium**, **Rest Assured**, and **Cucumber**.
* Developed end-to-end test automation frameworks for complex Single Page Applications using **Cypress** with **Cucumber** **integration**.
* Implemented **Page Object Model (POM)** design pattern for abstraction and easy maintenance of Cypress test scripts written using JavaScript.
* Expertise in **Guidewire Studio** for development, with a strong understanding of Guidewire's architecture, including GOSU scripting, data model, and UI configuration.
* Well-versed in performing end-to-end testing of **Guidewire applications**, ensuring proper workflow execution, data integrity, and reporting functionality.
* Designed and implemented automated tests using **Gherkin syntax**, promoting better collaboration between technical and non-technical teams.
* Expertise in using Karate for API testing and automation, leveraging its built-in support for HTTP calls, JSON validation, and behavior-driven development (BDD) approaches.
* Strong experience working with the **GT Framework** for automating functional and regression tests. Skilled in creating and managing test cases, data-driven testing, and integrating with CI/CD pipelines.
* These scripts were an integral part of our continuous integration and continuous delivery (**CI/CD**) strategy.
* Integrated the automation scripts with **Git** for version control and orchestrated **Jenkins pipelines** to trigger automated tests on each code commit.
* Automated Smoke and Functional test cases using **Selenium** **WebDriver**, **TestNG** and **Java** (Eclipse IDE).
* Involved in updating **Framework functions** when needed, executed them, and generated reports.
* Participate in planning and execution of **QA/UAT** testing.
* **Conducted API testing** using **Postman** and **SoapUI** to validate endpoints, payloads, and response data.
* Selenium was used for UI testing to ensure consistent **functionality and responsiveness** across different browsers.
* Utilized **Rest Assured** for API automation, ensuring reliable and repeatable tests.
* Applied mobile testing expertise using **Appium** for **Android** and **iOS** platforms, utilizing **BrowserStack** and **Sauce Labs** for cross-device and cross-browser coverage.
* Utilized **BizTalk 2020** for streamlined integration of healthcare applications, enhancing real-time data exchange and system connectivity.
* Used **Advance SQL Server** for development of clinical decision support systems by designing and implementing SQL queries to retrieve and analyze patient data, laboratory results, medication records, and diagnostic imaging findings to provide evidence-based recommendations to healthcare providers.
* Developed on with healthcare regulations such as HIPAA by implementing **advanced SQL security measures**, including role-based access controls (RBAC), data encryption, and audit trails, to protect sensitive patient information and maintain data privacy and integrity.
* Proven track record of delivering high-quality healthcare software solutions by integrating **ES6** best practices and promises into the development lifecycle, ensuring adherence to industry-specific standards and user expectations.
* Experience in using **Playwright** to automate end-to-end tests for web applications across different browsers.
* Leveraged **advanced SQL techniques** to analyze large healthcare datasets, including electronic health records (EHR), medical claims, and patient demographics, to extract actionable insights and support decision-making processes.
* By using **Karate** is used to test the interoperability of health care systems with Karate by simulating interactions between different components, such as **electronic health records (EHR)systems**, medical devices, and third-party applications.
* Developed and maintained **SOAP-based integrations** for healthcare applications, facilitating seamless communication between disparate systems and services.
* Implemented **advanced SQL optimization strategies**, such as query tuning, indexing, and partitioning, to enhance the performance of database queries and ensure timely access to critical healthcare data for medical professionals and administrators.
* Ensured compliance by handling **999** and **277CA** transactions, validating claims and acknowledgments for adherence to regulations.
* Demonstrated proficiency in **EDI 837** testing, validating the accuracy of healthcare claims data submissions and processing.
* Leveraged **JMeter**, **LoadRunner**, and **Blazemeter** to design and execute performance and load tests. Simulated high user loads to identify **bottlenecks** and optimize system performance.
* These tests were essential for delivering applications that meet performance expectations.
* Demonstrated proficiency in both **4010A** and **5010** transaction standards, ensuring compliance and smooth data exchange within healthcare applications.
* Executed tests on **837**, **834**, and **270/271** transactions, verifying accurate information exchange and adherence to industry standards.

**Environment:** Electronic Health Records (EHR), Transaction Standards 4010A and 5010, Business Requirements Document (BRD) and Functional Requirements Document (FRD), Healthcare Transactions: 837, 834, 270/271, BizTalk 2020, 999 and 277CA Transactions, EDI 837, ADA Compliance, QTP/UFT Automation, Cross-Functional Collaboration, API Testing, UI Testing, ETL Testing, Postman, SoapUI, Jenkins, Git, Jira, Functional Testing, Rest Assured, JMeter, Karate, Selenium, Cucumber, Mobile Testing: Appium (Android, iOS), BrowserStack, Sauce Labs, AWS, Azure, LoadRunner, Blazemeter, POS Testi ng, Cypress.io,Agile, Java, MAVEN, XPATH

**First Business Bank, Charlotte, NC Feb 2018 – Jul 2020**

**Senior QA Engineer**

**Responsibilities:**

* Worked closely with diverse teams in the banking domain to break down complex business requirements. Created detailed test plans covering essential banking scenarios, including **API, UI**, and **ETL testing**.
* These plans were made to align perfectly with specific acceptance criteria, making sure that every **crucial banking feature** was tested thoroughly.
* Developed automated test scripts using **Python and Squish for QT test automation** to verify the functionality of QT-based applications.
* system and software requirements to **design comprehensive test cases** and test scripts, ensuring alignment with project objectives.
* **Conducted functional, regression,** and **performance testing** to validate software functionality and performance against specified requirements.
* Utilized **Python libraries** and **frameworks** to **automate test execution** and analyze test results, ensuring thorough test coverage and timely defect identification.
* Collaborated with **cross-functional teams** to address issues and drive continuous improvement in testing processes and practices.
* Utilized **SQL queries** adeptly to meticulously validate and ensure the smooth flow of vital financial data across **First business bank** intricate systems.
* **Performance testing** is use evaluating the security and compliance aspects of banking applications, such as **data encryption**, **authentication mechanisms**, and compliance with regulatory requirements.
* **Performance testing** used to identify performance bottlenecks in banking systems, such as slow **database queries, network latency** issues, or inefficient application code.
* Showcased proficiency in crafting and maintaining automated test scripts using tools like **Selenium, Rest Assured**, and **Cucumber.** These scripts formed the backbone of consistent and dependable banking software testing.
* Used **Bugzilla** to log defects resulting from **regression testing**, allowing for efficient tracking of issues across different test cycles.
* Involved in setting up configuring the testing environment with **Eclipse, TestNG** and **Selenium Web driver**.
* Developed and executed the test scripts with **Selenium,** **Java**.
* Developed test code in Java language using **Eclipse IDE** and **TestNG framework.**
* Seamlessly integrated these automation scripts into dynamic **Jenkins pipelines**, backed by **Git** for version control.
* This approach ensured a smooth flow of continuous integration, a crucial part of efficient software development process.
* Paid special attention to **API testing**, using tools such as **Postman** and **SoapUI**, to meticulously validate **critical endpoints**, **payloads**, and **responses.** This meticulous scrutiny ensured seamless integration within Wells Fargo's intricate banking systems.
* Improved user experiences by carefully testing UI elements using **Selenium**, making sure that digital offerings worked consistently and reliably across different web browsers.
* Utilized **Appium** for thorough mobile testing, covering **Android** and **iOS platforms**. Also, conducted **cross-browser testing** using platforms like **BrowserStack** and **Sauce Labs**, ensuring consistent performance across various devices and browsers.
* Demonstrated expertise in performance and **load testing techniques**, using tools like **JMeter** and **LoadRunner**.
* These tests ensured that **banking applications** responded well under **different loads** and **scenarios.**
* Ensured accuracy in **POS testing**, confirming precise **banking transactions, accurate pricing,** and efficient inventory management, all aligned with Banking commitment to financial integrity.
* My **ISO 8583** expertise includes maintaining the security and compliance of financial transactions. I carefully evaluated data integrity and encryption techniques within **ISO 8583 messages**, thereby strengthening the overall security framework of banking activities.
* Leveraged cloud technologies to ensure scalability and reliability of healthcare applications while adhering to HIPAA compliance standards.
* Worked on ISO 8583 response message including fields indicating the outcome of the transaction like **fields 39, 38**, and **63.**
* Adhered strictly to **industry standards, domain compliances**, and relevant regulatory requirements to maintain first Bank trustworthy reputation.
* Skilled in writing and executing automated **UI tests** for **iOS apps** using **Apple's XCUI Test** **framework**, ensuring app functionality and **UI consistency**.
* Developed and executed **UI tests** for Android apps using **UiAutomator2**, ensuring app **functionality, performance**, and **UI consistency.**
* Developed and executed **end-to-end tests** using **Playwright** to validate the functionality and user experience of web applications across multiple browsers.
* Created test scripts in **Playwright** to validate complex user scenarios, including **login authentication, multi-step workflows,** and **data input validations**.
* Used **Git**as a **code repository** and **Code Collaborator** to manage code reviews.
* Implemented automated **ETL testing** using **Talend to streamline** data validation and reduce manual efforts.
* Developed **ETL Test Scripts** based on **Technical Specifications/ Data Design documents** and **Source to Target Mapping**.
* Involved in writing **SQL Queries** for **backend/ETL testing**.
* Implemented the **PostgreSQL database**, **performing tasks** such as **querying, data manipulation**, and **optimization.**
* Applied **SQL queries** to perform data **validation** and **verification**.
* Worked on **Views, Stored Procedures**, and **Triggers** and tested them by writing **SQL queries**.

**Environment**: ISO 8583 Messaging Protocol, API Testing, UI Testing, ETL Testing, SQL, Postman, SoapUI, Jenkins, Git, Jira, Rest Assured, JMeter, Selenium, Cucumber, Mobile Testing: Appium (Android, iOS), Browser-Stack, Sauce Labs, AWS, Azure, LoadRunner, Blaze meter, POS Testing, Squish, Splunk, Cypress.io, Playwright, Java, Python, Selenium WebDriver, TestNG, Maven, Jenkins.

**Best Buy, Minneapolis, MN October 2017– Jan 2018**

**QA Manual and Automation Engineer**

**Responsibilities:**

* Involved in the design and development phases of **Agile Software Development**.
* Interacted with Business Analyst and Developers to understand the application architecture and recommend testing strategy.
* Worked on **Selenium** GUI Object / element verification is done through **XPath, CSS** Locators.
* Developed test scripts to automate the process of testing in Selenium WebDriver.
* Designed, executed, and maintained Automation Test cases using **Selenium Web Driver**, **TestNG** for regression and functional testing.
* Configured Selenium **Web Driver, TestNG, Maven tool** and created **Selenium** automation scripts in java using **JUnit** prior to agile release.
* Designed and executed comprehensive **API tests** using **Postman** and **SoapUI** to validate the functionality and security of e-commerce website **APIs**.
* Ensured adherence to Payment Card Industry Data Security Standard (**PCIDSS**) guidelines while handling payment-related data.
* Designing and developing robust **RESTful** **APIs** using **Java** and frameworks like **Spring REST**.
* Validated the security of **subscription**-related data and transactions to prevent unauthorized access.
* Leverage my understanding of **B2B and B2C** dynamics to optimize the end-to-end customer journey, from awareness to post-purchase support.
* Established and maintained the **Espresso** test automation framework, ensuring it's up-to-date and compatible with the Android app under test.
* Developed and maintained a robust test automation framework using **Rest Assured** and **Cucumber**, allowing for efficient API and acceptance test automation.
* Depicting the flow of data within and between technology systems and business functions/operations Automated Functional and Regression Testing using **Selenium IDE, WebDriver, JUnit, ANT, and Java**.
* Implemented automated **UI tests** using **Selenium** and **TestNG**, covering critical user workflows to ensure a seamless shopping experience for customers.
* Wrote **BDD (Behavior-Driven Development)** and **TDD** test scripts using **Cucumber**, enhancing communication among cross-functional teams.
* Maintained a library of reusable **Karate** test components to streamline test creation and reduce duplication of effort.
* Proficient in identifying web elements, performing actions, and validating web page content using Selenium WebDriver with **Python**.
* Conducted **cross-browser testing** to verify website compatibility across various browsers.
* Created customized Documentation templates in **MSWord**, and **MS Excel** for use by the entire Testing team.
* Identify, report, and track defects using bug-tracking tools like **JIRA** and **TFS**.
* Experienced in using **Swagger** for **REST API** specification.
* Experience in executing test cases, recording results, and tracking progress using **qTest**.
* Overall **Test Management using ALM**. Thorough understanding of written requirements, including use cases and supplementary specifications.
* Implemented Data Driven Frameworks to create parameterized test scripts and generate XSLT reports using **Selenium Web Driver** and **TestNG** framework.
* Integrated **Selenium automation** regression test suite in **Jenkins** build pipeline.
* Created Automation Testing Framework for Android Application Testing with **Espresso** and Java.
* Reviewed **test plans, test cases** and **test scripts** to ensure consistency with strategic direction, goals and objectives of QA resources working on the project with **Agile SCRUM** methodology.
* Used **Maven** for building the **Web Driver project** and integrated with **Continuous** Integration tool Jenkins for running tests on a scheduled basis automatically.
* Proficiency in logging and tracking defects within Zephyr, associating them with test cases and monitoring their resolution status.
* Involved in designing data driven framework for reading the data from excel sheets using **Apache POI library** and **TestNG** data provider.
* Proficiency in managing test data within **Karate**, including data-driven testing using data tables.
* Implemented mobile automation framework using **APPIUM** and developed automation test scripts to test **IOS** and **Android** platforms.
* Used **Emulators** and **Simulators** to test the application virtually.
* Proficiency in validating **API** responses against the **Swagger** documentation to ensure data consistency and correctness.
* Performed **Acceptance** testing and **UI functional** testing using **Perfecto** with extension of **Appium** and **Java** as scripting language.
* Reviewed database test cases according to assigned requirements to validate reports by retrieving data with complex **SQL** queries from **oracle** database.
* Designed, executed, and maintained End to End Automation Test scripts using **Protractor** and **Jasmine** Framework.
* Responsible for assisting various business units with **UAT script** development and conversion into HP ALM format.
* Written **Gherkins** and Java scripting automation test scripts to execute in **cucumber**.
* Used **Git** as code repository and Code Collaborator to manage code reviews.
* Conducted Automation testing using the Standards, guidelines, and structured methodology in testing the application using **Java, JSON**.
* Experience with **JSON** Schema, including defining and validating data structures using **JSON Schema** standards.
* Involved in Web Services Testing using **SOAPUI** with rest to create and execute automated functional, regression, compliance, and load tests.
* Created **JMeter** scripts to perform the **load, volume, stress**, and **capacity** testing.
* Developed and deployed test Load scripts to do end to end performance testing using **LoadRunner**.
* Performed defect reporting and bug tracking using **JIRA** also followed up with development team to verify bug fixes, and update bug status.

**Environments: -** Web Driver, TestNG, Maven tool, Selenium, JUnit, API tests , Postman , SoapUI , Spring REST, Espresso , Cucumber, ANT, BDD (Behaviour-Driven Development) , Karate, Python, cross-browser testing , JIRA , TFS, Swagger, Test Management using ALM, TestNG, test plans, test cases , test scripts , Agile SCRUM , Web Driver project , CI, Apache POI library , Emulators, Simulators, Swagger, Acceptance , UI functional , Perfecto, Appium, Protractor, Jasmine, UAT script , JSON, SOAPUI, LoadRunner, JIRA.

**ADP Pvt Ltd Jan 2016 – Feb 2017**

**Role – QA Automation and Manual Tester**

**Responsibilities:**

* Designed and executed comprehensive API test scenarios using **Postman** and **SoapUI** to validate functionality, performance, and security of backend APIs.
* Verified data consistency and accuracy through meticulous **API testing**, ensuring seamless integration among different software components.
* Provided **payroll support** and troubleshooting for ADP users, resolving discrepancies and system issues.
* Developed and executed precise test cases for **UI testing**, guaranteeing proper functionality and optimal user experience across **web** and **mobile applications**.
* Configured and maintained **ADP payroll systems**, including tax settings, deductions, and benefits integration.
* Extensive hands-on experience in **designing, developing**, and executing automated test scripts using **Selenium WebDriver** to ensure UI functionality and responsiveness.
* Proficiently designed and executed automated API tests using Rest Assured to verify **data integrity, response codes,** and **payloads.**
* Ensured responsiveness, layout, and visual elements of the user interface met high standards across diverse devices and browsers.
* Integrated the test automation suite with **Jenkins** for **continuous integration, executing tests** with each new code commit.
* Conducted Extract, **Transform, Load (ETL) testing** to validate accurate and efficient data processing and transformation within data warehouses and related systems.
* Verified data integrity and completeness throughout the **ETL process, ensuring data quality** and **reliability**.
* Identified, documented, and tracked defects meticulously with **defect tracking tools, ensuring swift resolution** and thorough verification of defect fixes.
* Collaborated with HR and Finance teams to streamline payroll workflows and improve efficiency.
* Generated payroll reports using **ADP reporting tools** for compliance, audits, and business insights.
* Ensured multi-state payroll compliance, including tax withholding and deductions.
* Supported payroll testing for system upgrades, patches, and enhancements within ADP.
* Developed automated SQL scripts for efficient **data setup, validation**, and **database verification,** streamlining testing processes and enhancing efficiency.
* Managed and maintained **diverse test data sets**, ensuring availability of relevant and varied data to support testing activities.
* Implemented **automated UI tests** using **Selenium** to validate critical user workflows and ensure seamless user experiences across different browsers and platforms.
* Collaborated closely with infrastructure teams to set up and **manage test environments**, **ensuring appropriate configurations** for effective testing.
* Integrated **Katalon Studio** with CI technologies like **Azure DevOps** or **Jenkins** to automate test execution in the CI/CD process.
* Conducted performance testing using tools like **JMeter** to evaluate system scalability, response times, and resource utilization.

**EDUCATION:**

**Thirumala Engineering College Aug 2013 - May 2016**

**Guntur**