Dhivya Dharani

Senior Technical Lead

13/190, Gowtham Nagar, K. Vadamadurai, Coimbatore-641017

Mobile: +91 9962107076   Email: dhivyadharani.v@gmail.com

CAREER OBJECTIVE

To leverage my extensive technical expertise, leadership skills, and problem-solving abilities in driving innovative solutions, guiding cross-functional teams, and ensuring successful project delivery. Seeking a position that fosters professional growth, encourages collaboration, and allows me to contribute to the organization's strategic goals through technical excellence and mentorship

PROFESSIONAL SUMMARY

- Over 13.5 years of professional experience in Software Testing, specializing in test automation using Selenium WebDriver with Java. Proven expertise in developing and implementing automated testing frameworks, enhancing testing efficiency, and reducing time to market.
- Self-acquired knowledge and hands-on experience in Data Science and Machine Learning, demonstrated through the successful completion of multiple projects, showcasing proficiency in designing, implementing, and optimizing algorithms for real-world applications.
- Designed and implemented BDD Framework using Cucumber from scratch and worked on other frameworks like TDD with TestNG.
- Extensive experience with build management tools like Maven, continuous integration tools such as Jenkins, and version control tools like GitHub.
- Expertise on writing and executing performance testcases using JMeter.
- Proficient in API Testing with tools like Postman and Rest Assured for API automation.
- Expertise in Neo4j database, including creating Cypher queries for efficient data validation and analysis.
- Proficient in using Denodo for validating data from diverse systems and leveraging Hasura to validate APIs for seamless data transfer to UI dashboards.
- Proven leadership experience in managing teams of up to 10 members.
- Well-versed with all stages of Software Development and various testing like functional, smoke, sanity, exploratory, integration, end-to-end system, and regression testing.
- Proficient in Waterfall and Agile methodologies with scrum and actively participated in sprint Planning, Design, Standup calls, Demonstration and Retrospection ceremonies.
- Strong focus on teamwork, documentation, communication, process improvements, and maintaining a high level of collaboration.
- Proficient in defining Testing Methodologies, Designing Test Plans, Test Cases and overall Defect Management including tracking bugs and reporting
- Skilled in troubleshooting, providing production support, interacting with end-user clients, and continually upgrading technical skills to meet evolving needs.
- Active involvement in preparing test estimations and various reports such as RTM, Test Summary, Defect Reports, Test Execution Reports, and WSR.
- Contributed to the recruitment process and was part of the automation interview panel.
- Strong domain expertise in Pharma, Banking, and Investment Banking.

TECHNICAL SKILLS

Automation Tools	Selenium Web driver, Test NG, Rest Assured API , Maven and JMeter
Framework	Cucumber BDD framework, TDD Framework with TestNG
Language	Java, Python

Test Management Tools	HP Quality Centre, JIRA, Clear Quest, RQM, Radar
Database	Oracle SQL Developer, Neo4J
Other Tools	IBM WebSphere Data stage V8.7, GitHub, Jenkins, Cognos, Visual Studio, Postman, RTC
Domain	Core Banking, Investment Banking, Insurance, Pharma

WORK EXPERIENCE

Designation	Company	Period
Test Engineer	WIPRO Technologies	*11/2007 – 02/2014*
Senior Test Engineer	Mindtree	*05/2014 – 09/2015*
Senior Quality Engineer	L&T Infotech	*08/2018 – 08/2021*
Senior Technical Lead	Excelra Knowledge Solutions	*09/2021- Till date*

EDUCATION

- **B.E(EEE)** in **2007,** at **Sri Krishna college of Technology.** Secured an **CGPA** of **8.5%**

- **HSC state board** in **2003,** at **Ideal Matriculation Higher Secondary School.** Secured an average of **93.5%**

- **SSLC state board** in **2001,** at **Ideal Matriculation Higher Secondary School.** Secured an average of **80.2%**

PROJECTS
GSK (GlaxoSmithKline Pharmaceuticals)
- Proven expertise as an individual contributor in software testing, with responsibilities encompassing automation testing, data validation, and functional testing to ensure high-quality software delivery.
- Skilled in coordinating with end-users for user acceptance testing (UAT) and delivering comprehensive feature demonstrations to ensure alignment with user expectations and requirements.
- Expertise in Neo4j database, including creating Cypher queries for efficient data validation and analysis.
- Proficient in using Denodo for validating data from diverse systems and leveraging Hasura to validate APIs for seamless data transfer to UI dashboards.
- Responsible for managing all testing documentation such as Test Plan, Test Summary Report, Test cycle index, etc. using Veeva Quality Documents and providing accurate feature estimations for each Program Increment (PI).
- Possesses basic knowledge of the Burp Suite tool for conducting security testing, including vulnerability scanning, analysing web traffic, and identifying potential security issues in web applications.
- Completed certification in First Time Manager, enhancing leadership and management skills for effective team coordination, decision-making, and handling workplace challenges.

Data Science and AI/ ML
- Self-taught in Data Science and Machine Learning algorithms, with a focus on practical application and problem-solving.
- Proficient in using various machine learning techniques, including supervised and unsupervised learning, regression, classification, and clustering algorithms.

- Familiar with popular Python libraries such as Pandas, NumPy, Scikit-learn, and TensorFlow for data manipulation, model building, and evaluation.
- Experience in data cleaning, feature engineering, and preprocessing to ensure high-quality input for machine learning models.
- Strong understanding of statistical analysis, hypothesis testing, and data visualization techniques to uncover insights from data.
- Hands-on experience with model evaluation metrics (accuracy, precision, recall, F1 score, etc.) and tuning algorithms for better performance.
- Ability to implement end-to-end machine learning workflows, from data gathering to model deployment, in both research and production environments.

FSTI (Financial Services Technologies Inc.)

- Identifying Automation Scenarios from the set of Testcases identified in cycle.
- Developing Web Automation Testcases for the identified Automation Scenarios with Protractor.
- Running Smoke regression suite after every build and publish the detailed reports with the bugs detected.
- Running Full Automation suite for every Release and analyze the root cause of Failed scripts.
- Performing cross browser testing.
- Designed Test Plan on Performance Metrics based on client inputs.
- Written Robust Performance scripts in JMeter by taking care of correlation.
- Performing API testing with Postman
- As Team lead, responsible for preparing estimations, interactions with clients and providing status.
- Providing team support and guidance to the team for successful deliverables.
- Preparing test scripts and test cases by understanding the business logic and user requirements.
- Working with the Product Owner, SME, and development team to understand the Business logic and create test scenarios for validation.
- Experience working re-testing a resolving issues base on Service Level Agreements and managing appropriate triages.
- Improving specification and design documents through active review and feedback with developers.
- Reporting defects in RQM and generating reports.
- Experience in testing various modules to validate the functional flow of the business logic on Open systems.

Fidelity Investments. (TRAP-AML)

- As Individual Contributor, responsible for preparing estimations in PI planning, planning activities, creating test plan.
- Participating in Sprint Grooming sessions to pull the current sprint user stories from Backlog.
- Testing the User stories if they are ready after each build.
- Giving Demo of the functionality to the Product owner before Sprint signoff.
- Participating in Scrum meetings and Retrospective meetings to analyze the Sprint Health.
- Generating Test Automation Scripts with Java and Selenium for XML validation, Test bed scripts.
- Reviewed the Code prepared by other teammates and suggested improvements if required.
- Running Smoke regression suite after every build and publish the detailed reports with the bugs detected.
- Performed API automation with Rest Assured BDD framework.
- Scheduled auto trigger jobs in Jenkins and version controlling with GIT.
- Preparing test scripts and test cases by understanding the business logic and user requirements.
- Expertise working with Database tools generating complex SQL queries for checking the Data.
- Reporting defects in JIRA and generating reports for the daily scrum meetings.

American International Group, Inc.(EMEA Integration)

- Worked as offshore lead (Team of 8 members) and direct communication with clients and onsite leads.
- Always keep the team motivated and assist them in completing their tasks.
- Responsible for managing a team, preparing estimations, planning activities, creating test plan, requirements Traceability Matrix and standard templates (Daily status, defect status, defect process etc.)

- Generating Test Automation tool with help of Selenium Java to validate test data from source database and generated flat files.
- Experience on Writing SQL queries to extract data from various source tables to perform database testing.
- Automation of ETL testing process by developing MS-Excel based Macro - tools for file comparison, SQL Query generation, test case creation, test-data generation.
- Expertise with Functional testing, System testing, Integration testing, Smoke testing and UAT testing
- Reporting defects in Mercury Quality centre and generating reports for the daily status meetings.

Apple Customer Systems
- Developed and executed selenium test automation suites with Selenium java code.
- Performed Performance testing with JMeter.
- Review of Requirements, Preparation of test matrix, test strategy, test plan, test summary and test cases.
- Owning complex scenarios and testing them.
- Mentoring the team members and training them on new features.
- Defect logging and defect tracking using RADAR tool.
- Providing KT to other vendors and extending support for execution.
- Providing status reports, also tracking efforts of team members.
- Creating tools for project tracking and effort tracking (File Maker Pro 11).
- Testing in multiple devices, browsers, and different Operating Systems.
- Preparing E-Cube Timesheet for Team

SIT-WAVE3-KT Project (Kasikorn Bank, Thailand)
- Understanding the Accounting (General Ledger) and providing KT to the team and creating the test cases for the same.
- Managing 10 members team of local resource, by providing KT sessions and guiding them in test execution.
- Validating the defects before logging the defects and tracking the defect till end of its life cycle.
- Providing status report to top management.
- Validating the Accounts across various applications like TCB, Oracle General Ledger, and SAFE
- Creating test data and validating the Cognos Report for the Format and Data validation with Data stage executions.
- Validating data in LPM (AS400) and EDW after processing data.
- Created Excel VBA tool for Account validation.
- Interacting with client for requirements and presented to clients regarding the test strategy and methods.
- Coordinating with multiple vendors for Test Environment setup.
- Involved in Sanity and smoke testing.
- Creating test data and executing Automation scripts in QTP

PLA-Functional Testing (Farmers Insurance, US)
- Analysing the given requirement and creating test cases.
- Attending review meetings with Business and development team.
- Execution of test cases, defects logging and defects tracking.
- Providing root cause analysis for the defects.
- Involved in testing of Warranty defects.
- Co-ordinating with Support team for batch execution.
- Testing Green screen (CICS mainframe) application.