Debora Baddipudi
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Career Profile or Overview

A dedicated dynamic professional with Strong SDET experience on AWS and application Security. ISTQB Advanced level Certified Test Automation Engineer, AWS Solutions Architect and Agile Certified) with 8 plus years of significant and Progressive experience . Seeking to associate myself with an organization to have mutual benefit by adding value to the organization and self.

KEY SKILLS & EXPERTISE

- Working experience with the development team to plan and strategize testing efforts and define test Artifacts like test plans, test cases, and test scenarios to ensure comprehensive test coverage.
- Used risks, prioritization, test environment and data dependencies, and constraints to develop test execution schedule which is complete and consistent with respect to the test objectives, test strategy, and test plan
- Expertise in defining acceptance criteria in a joint effort with product manager/business Analyst during requirement elicitation, regardless of the type of development lifecycle – Agile or traditional.
- Efficient in defining test Metrics for the test process, identifying opportunities for improvement to facilitate timely insights into product quality and project status that will address the information needs of internal and external stakeholders
- Creating and developing automated testing frameworks targeting both UI and the API that meets the defined acceptance criteria using Selenium WebDriver, RestSharp/RestAssured with BDD /SpecFlow and work closely with QA engineers to align testing approaches and share automation frameworks and tools.
- Create / Configure the test automation pipeline, ensuring seamless integration of automated tests into the CI/CD workflow
- Knowledge of Internal functioning of AWS services like CloudWatch, Event Bridge Pipe , API Gateway, Lambda, Fargate, ECS, SQS, SNS, Kinesis , S3 , ELB, VPC and working knowledge of AWS terraform
- Excellent debugging and troubleshooting skills , work closely with developers / ops team to isolate problems and help resolve them efficiently.
- Working Knowledge of ELK stack (Elasticsearch, Logstash, and Kibana) to help test data enrichment , Search and Visualize data
- Able to Quickly develop knowledge, skills and competence to adapt to the changing technical needs
- Proficient in using performance testing tools like Jmeter to design and execute scenarios, including stress testing, load testing, and endurance testing.
- As a Cyber security advocate of my team, motivate Dev team and Automation test team to practice good security habits, scanning the code repo using static application security testing (SAST) and dynamic application security testing (DAST) tools, making sure the vulnerabilities are fixed prior to release.
- Involved in Threat modeling to identify cyber security threats and develop strategies for remediating them early in the software development process.

TECHNICAL SKILLS

- **Functional regression testing Tools:** QTP, Selenium WebDriver, Protractor, Cypress.
- **Non Functional testing tools:** Jmeter ,Visual studio Enterprise version for performance testing, Fiddler
- **Test Management tools:** HP ALM/QC ,Zephyr
- **Frameworks:** POM, TDD/ BDD (Cucumber/SpecFlow),NUnit, TestNG, Junit
- **Design Patterns:** Single Responsibility model, Strategy Design Pattern , Factory Design Patter, Execute around Design Pattern , ScreenPlay Design Pattern
- **Artifacts**: Test Plan, Test Case, RTM, Risk Analysis report , Bug report, User Stories, Backlogs , Test Summary Report
- **Test Build and Integration tools:** TeamCity , AWS codedeploy, Jenkins , NuGet Package Manager, Maven/Ant
- **API testing:** RESTAssured / RestSharp, POSTMAN, INSOMNIA , Swagger
- **Languages:** Java ,C# , Python, JavaScript, HTML, XML, CSS, Bootstrap, Jquery

- **Databases/Database tools:** SQL Server, DBB, postgresql, Mongo DB, MySQL, SQL
- **Defect Tracking Tools**: HP ALM/Quality Center, JIRA, Zephyr , Bugzilla
- **Types of testing:** Functional Testing, Performance testing, Security testing , usability testing.
- **Security testing tools:** SAST tools - BlackDuck & Fortify , DAST tools - Burp & Web-Inspect
- **Performance testing tools:** Jmeter both using UI and powershell commands to generate customized HTML reports
- **Domain Knowledge:** Corporate Banking – Liquidity Management, Account Management, Anti Money Laundering (AML), Regulatory Banking, Payments, ERP, Hospital Management Systems (HMS), Academic Information Systems, Antivirus and Endpoint protection EDR

PROFESSIONAL EXPERIENCE
Sr Quality Assurance Developer
Open Text Canada   **Jan' 2021 – till date**

Responsibilities:
- Worked in a fast-paced development team following Agile methodologies
- Convert business requirements into test plans and test case
- Engaged in planning activities to create practical plans that balance priorities and team capabilities.
- Analyze Project risks and select appropriate risk management options.
- Work closely with Solutions Architect to understand the limitations of QA test environment to mimic the environment and data as close as possible to prod using various tools like fiddler
- Involved in testing the infrastructure setup – API Gateway , Kinesis , Event Bridge Pipes , ELB , WAF , Lambda configurations, VPC migration
- As a Sr. QA Developer focus on the test automation framework (both UI and API) ,adding new test libraries and train QA engineers on implementation of test cases using BDD Specflow feature
- Responsible to test performance using Visual studio Enterprise edition or Jmeter
- Perform basic Security testing like WAF and use tools like BlackDuck, Fortify , Burp and WebInspect to scan for threats in the codebase and open source libraries
- Collaborated with the Scrum Master to identify and resolve project risks / issues / blockers
- Follow through with investigation of all potential product test failures by verifying server logs using Kibana and AWS cloud watch
- Validate bug fixes and define the scope of regression testing based on Impact Analysis

Student at Canadian Business Collage , Mississauga, Ontario   **March'2020-Oct'2020**
FullStack Software development

Responsibilities:
- Learnt how to build frontend stack using XML,CSS,Javascript, JQuery
- Learnt core Python as middleware and frameworks like Flask and DJANGO
- Learnt MongoDB and integration end to end with project hands-on
- Got familiar with Heroku which is a container-based cloud Platform as a Service (PaaS) and used it to deploy and manage application builds

Senior Test Engineer
Lice Soft Solutions Pvt Ltd, Hyderabad   **Feb'2017-Feb'2019**

Responsibilities:
- Implemented Test driven development (TDD and BDD) framework using cucumber tool with Gherkin Language using BDD cucumber framework to analyze the user-story and writing acceptance criteria
- Involved in testing various business rules User/Customer functionalities, and Change Processes
- Review manual test cases and convert them to Automation Scripts using Selenium.
- Implemented Page Objects, Data Driven framework using Selenium and optimized the Framework by implementing design patterns like Single Responsibility model.
- Verified data integrity by back-end testing of the application by writing SQL queries.

- Maintain continuous test integration and automatic build by using Jenkins and mailed the build outputs to the team members
- Prepare the data to cover various scenarios and wrote SQL scripts to verify the database updates, inserts and deletion of the records
- Performed Web service testing via POSTMAN and executed selected test scripts on Automation to run as part of sanity check/to ensure there are no deployment errors

Associate Consultant
Polaris Consulting & Services Ltd, Hyderabad   **Sept' 2015 – Jan' 2017**
Responsibilities:
- Responsible for assisting in proving for Test Estimates, Test Strategy, Test Plan.
- Participated in Planning and daily stand-up meetings as part of the agile team attended grooming sessions and Retrospectives
- Performed Smoke testing, full-fledged functional testing, Cross-Browser testing, Regression testing by Manual and Automated scripts, Back-end validation testing and End to end testing across Partner systems
- Ensure the team has common understanding of the values and principles of Agile and terminology.
- Effectively used GIT best practices to maintain the automation test base
- Use traceability to check completeness and consistency of defined test conditions with respect to the test objectives, test strategy, and test plan.
- Design tests for software products/applications/modules.
- Use risks, prioritization, test environment and data dependencies, and constraints to develop a test execution schedule.
- Contribute in project retrospective to evaluate processes and discover areas to improvements by reducing waste.

BSC (British computer society) ISTQB Accredited Software Testing Content Developer and Trainer
MindQ systems, Hyderabad   **Nov' 2011 – Sept' 2015**

- Trained college Graduates on Manual testing / ISTQB certification / AGILE
- Content development and Deliver training programs in both a formal (i.e. classroom/webinar) or informal (i.e. onsite/virtual) setting; to new graduates and existing QA employees on ISTQB certification processes

EDUCATION & QUALIFICATION:
Diploma in Full Stack Software Development: Code Institute (through Canadian Business Collage)
Bachelor of Engineering (B.E): Vishveshwarya Technological University

PROFESSIONAL MEMBERSHIP:
ISTQB Foundation level certified test engineer - May 2010.
Scrum Master Accreditation Certification – Mar 2012.
ISTQB Advanced level Test Manager - 2015
ISTQB AGILE – July 2016
ISTQB Automation Test Engineer – July 2019
Selenium Certification – Nov 2018
AWS cloud Practitioner – July 2021
AWS Solutions Architect – Nov 2022
ISTQB Performance testing – April 2024
ISTQB DevOps certification – May 2024