

Debora Baddipudi

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Portfolio Website: <https://baddipudidebora.github.io/Online-portfolio/>

Career Profile or Overview

Results-driven SDET expert in AWS and application security, holding ISTQB, AWS Solutions Architect, and Agile certifications with 8+ years of work experience and 4 years of training experience. Aiming to make a meaningful impact while advancing with an innovative organization.

KEY SKILLS & EXPERTISE

- Experienced in collaborating with development teams to strategize testing efforts, define test artifacts, and ensure comprehensive coverage.
- Skilled in risk-based test execution scheduling, acceptance criteria definition, and test metrics analysis to enhance product quality.
- Proficient in developing automated testing frameworks for API, UI, and AWS using Selenium WebDriver, RestSharp/RestAssured, and BDD/SpecFlow.
- Expert in integrating test automation into CI/CD pipelines and leveraging AWS services like CloudWatch, Lambda, ECS, S3, and Terraform.
- Strong debugging skills, working closely with teams to resolve issues efficiently. Familiar with ELK stack for data enrichment and visualization.
- Experienced in performance testing with JMeter, cybersecurity advocacy, code scanning using SAST and DAST tools, and threat modeling for early risk mitigation in the development lifecycle.
- Quick learner, adaptable to evolving technical needs.

TECHNICAL SKILLS

- **Functional regression testing UI Tools:** UFT, Selenium WebDriver, Protractor.
- **Non-Functional testing tools:** Jmeter, Visual studio Enterprise version
- **Frameworks:** POM, TDD/ BDD (Cucumber/SpecFlow), NUnit, TestNG, Junit, Single Responsibility model, Strategy design pattern
- **Test Build and Integration tools:** TeamCity, Jenkins, NuGet Package Manager
- **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 , Security and usability testing.
- **Security testing tools:** SAST tools - BlackDuck & Fortify, DAST tools - Web-Inspect.
- **Domain Knowledge:** Corporate Banking – Liquidity Management, Anti Money Laundering (AML), Regulatory Banking, ERP, Academic Information Systems, Endpoint protection EDR

PROFESSIONAL EXPERIENCE

Open Text Canada**Lead Quality Assurance Developer****Sr Quality Assurance Developer****Quality Assurance Developer****Jan' 2025 – till date****Nov 2022 - Dec 2024****Jan 2021 - Nov 2022****Responsibilities:**

- Worked in a fast-paced development team following Agile methodologies.
- Convert business requirements into test plans and test case.
- Analyze Project risks and select appropriate risk management options.
- Work closely with Solutions Architect to understand the limitations of QA test environment to mimic prod environment and data as close as possible to prod using various tools like fiddler.
- Involved in testing the infrastructure setup – API Gateway, S3, Kinesis, Event Bridge Pipes, ELB, WAF, Lambda configurations, VPC migration.
- Contribute to 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 (both using UI and Powershell commands to generate customized HTML reports)
- 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 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****Full Stack 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:**

- Review manual test cases and convert them to Automation Scripts using Selenium.
- Implemented Page Objects, Data Driven using Selenium , optimized the Framework by implementing design patterns like Single Responsibility model paired with BDD
- Ensured data integrity through back-end testing of the application by executing SQL queries.
- Performed API testing using POSTMAN and executed test scripts on part of CICD.

Associate Consultant**Polaris Consulting & Services Ltd, Hyderabad****Sept' 2015 – Jan' 2017****Responsibilities:**

- Responsible for assisting in Test Estimation, Test Strategy, Test Plan.
- Performed Smoke testing, full-fledged functional testing, Regression testing by Manual and Automated scripts and End to end testing across Partner systems.

- Use risks, prioritization, test environment and data dependencies, traceability matrix and constraints to develop a test execution schedule.
- Contribute in project retrospective to evaluate processes and discover areas to improvements by reducing waste.

ISTQB Accredited Software Testing Content Developer and Trainer

BSC (British computer society) MindQ systems, Hyderabad

Nov' 2011 – Sept' 2015

Responsibilities:

- 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.

Associate Software Engineer

Dec 2010 to Sept 2011

Valtech India

Responsibilities:

- Design, develop, and execute manual test plans, test scenarios and test cases from Business and Functional requirements.
- Experience in writing well designed, efficient program code and hands on using defect tracking tools.

EDUCATION & QUALIFICATION:

- Diploma in Full Stack Software Development - Code Institute from 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