Durga Adithya Varma Bhupatiraja

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Summary

Results-driven and detail-oriented **Quality Assurance Specialist** with 8+ years of experience in **manual and automated testing** for **large-scale, business-critical systems**. Proficient in **test planning, strategy development, execution, and defect management**. Strong expertise in **GUI and non-GUI environments, functional and non-functional testing, system integration, regression, and user acceptance testing (UAT)**. Adept at **leading testing efforts, managing test teams, and ensuring compliance with quality standards**. Experienced in **test automation tools**, **version control systems**, and **data analysis techniques**. Proven ability to collaborate with cross-functional teams and deliver high-quality software solutions within tight deadlines.

Technical Skills

Test Management & Execution: Test planning, test case development, test execution, defect tracking, and root cause analysis

Testing Methodologies: Functional, integration, system, regression, accessibility (AODA - WCAG 2.0 AA), and performance testing

Automation & Tools: Selenium, TOSCA, ReadyAPI, Cucumber, UFT, JAWS, JAWS Inspect, SiteImprove, WAVES, NVDA, Compliance Sheriff

Defect Management & Tracking: Jira, Bugzilla, HP/Microfocus Product Suite

Database Management: Oracle DB2, PostgreSQL, MySQL
Agile Methodologies: Scrum, SAFe, Kanban
Programming Languages: Java, Python, Groovy Scripting
Cloud & DevOps: Jenkins, CI/CD Pipelines, Openshift, Kafka, AKHQ

Experience

LEAD - SENIOR QUALITY ASSURANCE SPECIALIST | 02/2022 - Current
Infosys Ltd - Mississauga, Canada

· Developed and executed **testing strategies, test plans, test cases, and test scripts** for large-scale business applications.
· Provided leadership in **test automation, functional testing, regression testing, and UAT support**.
· Conducted **accessibility testing** aligning with **AODA (WCAG 2.0 AA) standards** using JAWS, JAWS Inspect, and SiteImprove.
· Designed **automated test scripts** using **TOSCA, ReadyAPI, and Cucumber** for **in-sprint automation**.
· Worked extensively with **Commercial Off-the-Shelf Applications (COTS)** such as **IBM J-Rules Engine**.
· Ensured **compliance with quality assurance principles** and **software testing best practices**.
· Managed **defect tracking and reporting** while performing **root cause analysis** to enhance test coverage and efficiency.
· Led **data validation and reconciliation** efforts to maintain **data integrity and consistency** across complex business systems.
· Collaborated with developers and business analysts to align **test strategies with business requirements**.

SENIOR QUALITY ANALYST LEAD | 04/2019 - 02/2022
Infosys Ltd - Hyderabad, India

· Led **manual and automated testing efforts** for enterprise applications, ensuring functional correctness and business alignment.
· Developed **test plans, test cases, and automation frameworks** using **Selenium, TOSCA, and ReadyAPI**.
· Supported **UAT activities**, collaborating with stakeholders to verify system functionality and performance.
· Implemented **structured testing methodologies** for **enhanced test execution and defect resolution**.
· Coordinated **testing across multiple teams** and ensured smooth **test cycle execution**.
· Provided **training and mentorship** to junior team members on test automation and best practices.

TEST ANALYST | 07/2016 - 03/2019
NTT DATA - Hyderabad, India
· Conducted **comprehensive manual and automated testing** for **insurance domain projects**.
· Developed and executed **test scripts using Selenium, Cucumber, and ReadyAPI**.
· Performed **integration and regression testing** to ensure application stability.
· Assisted in **requirement analysis, test planning, and defect management**.
· Collaborated with **cross-functional teams** to enhance testing efficiency and effectiveness.

Education and Training

Malla Reddy College of Engineering And Technology - Hyderabad, Telangana, India | Bachelor of Science
Computer Science and Engineering, 05/2016

Certifications

- Certified Scrum Master, SAFe.
- Certified Scrum Professional - Scrum Master, Scrum Org.
- Certified Agilist, SAFe.
- Oracle Certified Professional, Java SE 8 Programmer.
- Certified Test Design Specialist Level 1 & 2, Tricentis.
- Certified Automation Engineer Level 1, Tricentis.
- Certified Automation Specialist Level 1, Tricentis.
- Certified Rest Assured Tester, Infosys.
- Certified Global Agile Developer, Infosys.
- Certified DevOps Professional, Infosys.
- Certified Java SE8 Developer & Professional, Infosys.
- Certified Java Android Developer, Infosys.

Public Sector Experience

· Experience working on **large-scale, business-critical applications** in **public sector projects** on Insurance with CDCP (Canadian Dental Care Plan).
· Strong understanding of **government regulations and compliance requirements** related to **software quality assurance**.

Key Strengths

· Strong analytical and problem-solving skills.
· Excellent communication, collaboration and leadership abilities.
· Experience in managing multiple testing projects simultaneously.
· Proven track record of improving testing efficiency and software quality.