

Krishna Singh

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Professional Title

QA Engineer || Automation Tester || Manual Tester || API Tester || UI Tester || Selenium || SOAPUI || ISTQB Certified || Accessibility Testing

Professional Experience

Cognizant Technology Solutions

Programmer Analyst

📍 Hyderabad | Nov 2021 - Present

Project: Amex (Cardshop and OneCMS) | Banking 2021-2023

Tools & Technologies: Selenium WebDriver, Java, BDD, TestNG, JIRA, LoadRunner, JMeter, Postman, Axe DevTools, SoapUI

Key Achievements & Responsibilities:

- ✓ Automated **85% of regression test cases**, reducing manual effort by **40%** and improving test execution efficiency.
 - ✓ Identified and reported **500+ defects** using JIRA, collaborating with developers to achieve a **30% faster resolution rate**.
 - ✓ Developed and optimized **20+ reusable Selenium automation scripts**, reducing test maintenance efforts.
 - ✓ Designed and executed **comprehensive test plans** covering **functional, API, UI, performance, and accessibility testing**, ensuring **99.9% application uptime** post-release.
 - ✓ Conducted **accessibility testing** using Axe DevTools, ensuring compliance with **WCAG 2.1 standards**, improving web inclusivity.
 - ✓ Performed **load and performance testing** with JMeter and LoadRunner, optimizing system response time by **25%**.
 - ✓ Created detailed **test reports** and presented defect trends to stakeholders, adding in **data-driven decision-making**.
 - ✓ Led a **5-member QA team**, mentoring junior testers and improving testing processes.
 - ✓ Implemented **CI/CD pipeline automation**, reducing deployment time by **20%**.
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Projects



Cardshop Automation Tool | Banking 2024 - Present

- ✓ Launched an **automatic verification mechanism** for checking alterations in the e2 URL during DevOps phases, directly allowing team members more focus on strategic tasks rather than routine follow-ups after release stages.
- ✓ Eliminated **manual post-go-live checks**, improving workflow efficiency.
- ✓ Integrated with **JIRA for real-time defect tracking**.

Web Accessibility Testing Framework

- ✓ Designed an automation framework using **Axe DevTools and Selenium** to ensure compliance with WCAG 2.1.
 - ✓ Improved **accessibility compliance by 40%** for web applications.
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Education

 **Bachelor of Science (B.Sc.) in Computer Science**
Bhavans Vivekananda College
 **CGPA: 8.01**





Skills

Category	Skills
Programming & Scripting Languages	✓ Core Java, JavaScript
Test Automation Frameworks & Tools	✓ Selenium WebDriver, Cucumber, Maven, TestNG, BDD
API & Performance Testing	✓ Postman, SoapUI, JMeter, LoadRunner
Databases	✓ SQL, MongoDB
Software Testing Techniques	✓ Functional Testing, Regression Testing, Integration Testing, Acceptance Testing, Performance Testing
Web Technologies	✓ HTML, CSS, ReactJS
Project & Test Management Tools	✓ JIRA, Agile Testing, CI/CD Pipelines


Achievements

-  **Execution Excellence Winner at American Express** for contributions to the corporate **Cardshop OneCMS migration project**, recognized for identifying and resolving technical challenges and impactful solutions.
 -  Developed a **Cardshop automation tool** that automates checking changes in the e2 URL during the development stage, eliminating manual checks post-go-live.
 -  Led the **successful migration of test scripts** to a new framework, reducing execution time by **30%**.
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Personality & Interests

-  Dedicated to **technology, automation, and process optimization**.
 -  Enjoys **public speaking and mentoring** junior team members in test automation best practices.
 -  Avid reader of **tech blogs and software testing innovations**.
 -  Highly engaged in **sports and team collaboration**, applying teamwork principles to projects.
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Certifications

 **ISTQB Certified**

