

For a professional with 12 years of experience like **XYZ Kumar**, the resume needs to shift from "I can test" to "I can build and lead testing strategies." At this stage, your value lies in **Test Architecture, CI/CD integration, and Quality Engineering**.

XYZ KUMAR

Lead Quality Assurance Engineer | SDET | Test Architect

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PROFESSIONAL SUMMARY

Strategic **QA Lead** with **12 years of experience** in end-to-end web application testing. Expert in designing robust automation frameworks from scratch using **Selenium, Playwright, and Cypress**. Proven track record of reducing regression time by 70% through parallel execution and CI/CD integration. Expert in balancing rigorous manual exploratory testing with high-coverage automated suites.

TECHNICAL TOOLKIT

Category	Tools & Technologies
Automation	Selenium WebDriver, Playwright, Cypress, Appium
Languages	Java, JavaScript, TypeScript, Python
Frameworks	TestNG, JUnit, Cucumber (BDD), Jasmine, Mocha
API Testing	Postman, REST Assured, SoapUI
Performance/Load	JMeter, K6
DevOps/Tools	Jenkins, Docker, Git, Jira, Azure DevOps, AWS Device Farm

PROFESSIONAL EXPERIENCE

QA Automation Architect | Enterprise Cloud Systems

March 2019 – Present

- Architected a cross-browser automation framework using **Playwright and TypeScript**, supporting 500+ concurrent test cases.
- Integrated automated suites into **Jenkins/GitHub Actions** pipelines, enabling "Shift-Left" testing and 100% daily deployment confidence.
- Mentored a team of 8 QA engineers, transitioning the department from 80% manual to 90% automated testing.
- Designed and executed comprehensive **API testing** strategies using REST Assured, decreasing integration bugs by 35%.

### Senior QA Engineer | Digital Retail Solutions

*January 2014 – February 2019*

- Managed end-to-end testing for a high-traffic e-commerce platform using **Selenium with Java and TestNG**.
- Performed deep-dive **Manual Exploratory Testing** on complex checkout flows, identifying critical edge-case bugs missed by automation.
- Led **Accessibility (WCAG)** and **Security (OWASP)** vulnerability scanning as part of the standard release cycle.
- Implemented Page Object Model (POM) and Data-Driven frameworks to ensure maintainable and reusable code.

### QA Engineer | TechStart Operations

*June 2012 – December 2013*

- Executed functional, regression, and smoke testing for various web-based modules.
- Developed and maintained manual test cases and defect reports in Jira.
- Collaborated closely with developers to reproduce bugs and verify fixes in a fast-paced Agile environment.

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### CORE COMPETENCIES

- **Test Strategy:** Defining TMPs (Test Master Plans) for multi-million dollar projects.
- **BDD/TDD:** Implementing Gherkin syntax with Cucumber for better business-tech alignment.

- **Root Cause Analysis:** Expertise in log analysis (Splunk/ELK) to identify production issues.
  - **Leadership:** Managing offshore/onshore models and conducting technical interviews.
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## **EDUCATION & CERTIFICATIONS**

- **B.E. in Information Technology** | State University
- **ISTQB Certified Tester** (Advanced Level - Test Manager)
- **Certified Selenium Professional**