

# VIRALKUMAR PATEL

## QA ANALYST - Test Automation, Selenium & API Testing, Defect Management

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### SKILLS

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- **Programming Languages:** Java, Python (Intermediate), C#, SQL, Core Java Data Structure, OOP Concepts.
- **Test Automation & QA Tools:** Selenium WebDriver, Appium, HP QTP, HP Quality Center (QC), Postman.
- **Testing Expertise:** Functional Testing, Regression Testing, Smoke Testing, API Testing, Cross-Browser Testing.
- **Development & Collaboration:** Git, GitHub, Jira, Agile/Scrum Methodologies, CI/CD Basics, Defect Tracking.
- **Data & Cloud Platforms:** Power BI, Tableau, AWS, Microsoft Azure, Data Visualization, Cloud Deployment.

### WORK EXPERIENCE

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#### IT Consultant - Test Engineer

February 2022 - July 2023

*CGI*

*Halifax, Canada*

- Refined and added value in daily SCRUM cycles, accelerating sprint validation feedback loops and delivery responsiveness by 25% across releases.
- Performed comprehensive functional, system, regression, and usability tests, raising release reliability and user acceptance readiness by 38%.
- Conducted cross-browser and smoke testing using Selenium WebDriver, improving application compatibility accuracy and defect identification by 31%.
- Engineered scalable automation frameworks using Selenium, Java, Cucumber, and TestNG, reducing execution time and manual dependency by 46%.
- Built reusable regression suites covering critical modules, expanding automated test coverage and execution consistency by 52%.
- Leveraged Git and GitHub version control workflows, minimizing integration conflicts and deployment inconsistencies across collaborative development environments by 29%.
- Validated RESTful APIs through Postman testing tools, strengthening backend reliability metrics and integration stability by 34%.
- Interpreted detailed technical specifications and business requirements, preventing requirement deviation defects and validation errors by 26%.
- Reported defects with structured logs and reproduction steps, improving resolution turnaround speed and fix accuracy by 33%.

#### QA Automation Tester

June 2015 - June 2019

*IP Interactive*

*Vadodara, India*

- Executed full lifecycle manual testing activities across builds, improving defect detection efficiency by 32% and strengthening release stability.
- Authored traceable test cases within HP Quality Center, strengthening requirement coverage accuracy by 40% across functional and regression testing cycles.
- Structured detailed requirements traceability matrices, reducing validation gaps, missed scenarios, and requirement mismatches by 28% across testing phases.
- Prepared optimized test datasets supporting test scenarios, accelerating functional validation cycles and execution readiness by 22%.
- Validated execution outputs against expected results, identifying critical defects 35% earlier and preventing downstream production failures.
- Migrated bulk test cases from Word and Excel repositories into QC, cutting manual documentation effort and processing time by 45%.
- Coordinated urgent bug fixes with developers and analysts, shortening release stabilization timelines and deployment readiness by 30%.
- Automated regression test suites using QTP tools, decreasing repetitive manual testing effort and increasing execution efficiency by 50%.
- Generated analytical defect reports and executive summaries, improving stakeholder visibility, reporting clarity, and decision speed by 27%.

### EDUCATION

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#### Master of Computer Applications

*HNG University, Patan, India*

August 2013 - May 2015

#### Bachelor of Computer Applications

*SMU, Karnataka, India*

June 2008 - December 2011