

Darshit Shah

Total Work Experience: 15+ Years

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HEADLINE

AI-Driven Principal QA Leader | Agile Delivery & Quality Engineering Expert | Test Automation, API & Manual Testing Specialist | Driving Product Quality Excellence | Certified Scrum Master | ISTQB® CTFL, CTFL-AT

PROFESSIONAL SUMMARY

Results-driven Quality Engineering Leader with 15+ years of experience delivering high-quality software across web, mobile, and enterprise platforms. Expertise in Agile delivery, test strategy, and scalable QA processes aligned with business outcomes.

- Strong background in Quality Engineering, Test Strategy, and Agile methodologies
- Skilled in Manual Testing, API Testing (Rest Assured), and modern automation frameworks
- 5+ years of hands-on experience in Automation Testing using Selenium, Cucumber, TestNG, Robot Framework, and Playwright
- Designed and implemented scalable automation frameworks using Selenium, Cucumber, TestNG, POM, and Java
- Built POCs using Robot Framework and Playwright to drive adoption of modern testing tools
- Experienced in leading QA teams, managing resource allocation, and supporting multi-project delivery
- Hands-on experience in requirement analysis, client interaction, and release coordination
- Strong collaboration with cross-functional teams to ensure high-quality releases under tight timelines
- Expertise in data validation and maintaining data integrity across systems
- Proven ability to manage multiple projects with consistent, high-quality delivery
- Excellent communication and stakeholder management across distributed teams
- Domain experience: RPA, E-commerce, Healthcare, Hospitality, Real Estate

CORE SKILLS

Manual Testing	Functional, Integration, Regression, User Acceptance, UI/UX, Browser Compatibility
Automation & Tools	Selenium, Cucumber, TestNG, Robot Framework, Playwright, Postman
Basic Languages	Java, SQL, HTML
Test Management Tools	Atlassian Jira, Test Rail, Microsoft Azure DevOps
Database Systems	MySQL, SQL Server
Methodologies	Agile (Scrum), SDLC, STLC
Leadership	Team Management, Mentoring, Stakeholder Communication, Delivery Ownership

KEY ACHIEVEMENTS

- Reduced regression cycle time by **30–40%** by optimizing test strategy across **manual and automation testing (GUI + API)**
- Decreased manual testing effort by **35%** while improving overall QA productivity by 20% through smart test design and selective automation
- Delivered **100+ APIs with zero production defects** through strong **manual validation, data verification, and API testing strategies**
- Strengthened release quality by identifying and resolving **1,000+** critical defects through rigorous functional and exploratory testing
- Improved mobile application stability by reducing crash rates by **35%** via comprehensive **manual, usability, and edge-case testing**
- Enhanced test coverage and defect detection through structured **test case design, exploratory testing, and risk-based testing approaches**
- Achieved **\$15,000+ annual cost savings** through QA process improvements, test optimization, and automation where impactful
- Improved customer satisfaction by **7%** by driving cross-functional quality initiatives and better **UAT support and validation**

AI-DRIVEN QA INNOVATION

- Leveraging AI tools (e.g., ChatGPT, Copilot) to generate high-quality test cases and scenarios directly from requirements
- Utilized AI for intelligent test data generation, covering edge cases, boundary conditions, and complex scenarios
- Built a QA-focused AI agent to streamline generation of test cases, scenarios, and QA documentation
- Automated QA documentation (test plans, test cases, reports) using prompt-driven workflows
- Improved QA productivity and significantly reduced test design effort and turnaround time through AI-assisted approaches
- Applied AI to enhance exploratory testing and risk-based testing strategies, improving overall test coverage

PROFESSIONAL EXPERIENCE

Zymr, Inc. Ahmedabad

May 2021 - Present

Designation: Senior Lead Software Engineer – QE

Roles & Responsibilities:

- Leading Quality Engineering initiatives as a Product-focused QA Leader aligned with Agile Delivery goals
- Driving test strategy, automation roadmap, and quality metrics across projects
- Designing and maintaining scalable automation frameworks using Selenium, TestNG, and Cucumber
- Collaborating with Product Owners and stakeholders to ensure high-quality releases
- Leading sprint ceremonies, backlog grooming, and release planning from QA perspective
- Mentoring team members and improving QA maturity across teams
- Driving API testing and strengthening automation practices across projects
- Ensuring end-to-end quality across web and mobile platforms
- Leveraging AI-assisted tools for test case generation, improving coverage and reducing manual effort
- Utilizing AI for intelligent test data preparation, enabling faster and more accurate scenario creation
- Applying AI-driven approaches for test documentation (test plans, test cases, etc.), enhancing consistency and efficiency
- Exploring prompt-based workflows to accelerate QA activities and improve productivity across the team

Impact:

- Reduced regression effort by 40% and improved release stability across projects
- Accelerated QA cycles through AI-assisted testing and automation improvements

Encora Inc. Ahmedabad

February 2016 - May 2021

Designation: Senior Software Engineer - QA

Roles & Responsibilities:

- Worked as Test Analyst across multiple Agile projects and domains
- Designed and developed automation scripts for UI and API testing
- Performed REST API validation using Postman
- Collaborated with cross-functional teams for requirement analysis and defect management
- Collaborated with UAT teams to resolve queries and ensure successful validation of business requirements
- Delivered daily status reports and quality insights to leadership

Impact:

- Enhanced API quality and reduced defect leakage through structured validation processes

Technigent Software Solutions Pvt. Ltd. Ahmedabad

September 2014 – February 2016

Designation: Senior Tester

Roles & Responsibilities:

- Promoted Agile best practices through knowledge-sharing sessions and team collaboration initiatives
- Led QA activities including test planning, execution, and defect tracking
- Assigned work to team members and mentoring the team as part of training, resource & time management.
- Ensured traceability using RTM and maintained QA documentation
- Conducted mobile testing across iOS and Android platforms

Milestone Internet Marketing Pvt. Ltd. Ahmedabad

August 2011 - September 2014

Designation: Senior Associate QA

Roles & Responsibilities:

- Performed functional, regression, UAT, and database testing
- Created test cases and executed test scenarios across multiple projects
- Contributed to quality improvements and defect-free releases

Elsner Technologies Pvt. Ltd. Ahmedabad

July 2010 - August 2011

Designation: QA Executive

Roles & Responsibilities:

- Collaborated closely with development teams for defect triaging, root cause analysis, and timely resolution
- Designed and executed high-quality test cases to ensure robust validation of application functionality
- Collaborated with developers for defect analysis and resolution

Cygnnet InfoTech Pvt. Ltd., Ahmedabad

January 2010 - May 2010

Designation: Software Developer Trainee

Roles & Responsibilities:

- Developed LMS application and supported QA automation initiatives
- Gained hands-on experience in SDLC, STLC, and requirement analysis

PROFESSIONAL CERTIFICATIONS

May 2020 Professional Scrum Master I (PSM I)
Sept. 2019 ISTQB® Agile Tester Extension (CTFL-AT)
June 2018 ISTQB® Certified Tester – Foundation Level (CTFL)
May 2010 MS Certificate of Achievement for 2310C: Developing Web Applications Using MS Visual Studio 2008

EDUCATION

2010	M.Sc.IT	LDRP College, Kadi Sarva VishwaVidyalaya University, Gandhinagar	Distinction
2008	B.C.A	LJCCA College, Gujarat University, Ahmedabad	First Class
2005	HSEB (12 th Commerce)	R.C.Patel School, Gujarat Board, Ahmedabad	Distinction
2003	GSEB (10 th Class)	R.C.Patel School, Gujarat Board, Ahmedabad	First Class

LEADERSHIP & IMPACT SUMMARY

- Led QA teams of 5–10 members across Agile squads, improving delivery predictability and release quality
- Managed quality delivery across multiple concurrent projects
- Drove cross-functional collaboration between QA, Dev, Product, and Business teams
- Established scalable QA processes aligned with organizational goals
- Mentored engineers and established best practices for test strategy, code reviews, and quality metrics