



Mr. ABHIJEET FARANE

Project Test Lead | Engineering Manager

Email: afarane@gmail.com | LinkedIn: [Profile Link](#) | Mobile: (+91) 7875380033



Profile Summary

Quality Engineering Leader with 15+ years of experience in software testing, automation, and QA leadership across enterprise, cloud-native, and industrial automation platforms. Skilled in defining test strategy, leading distributed teams, scaling automation frameworks, and driving release readiness in Agile environments.

Experienced in UI and API automation using Playwright, Selenium, Java, TypeScript, and Python, with hands-on exposure to AI-assisted quality engineering, intelligent test validation, and risk-based testing.



Core Competencies

- Automation:** Playwright, Selenium WebDriver, Java, JavaScript, TypeScript, TestNG, Cucumber BDD, Robot Framework
- Programming & Scripting:** TypeScript, Python, Java, JavaScript
- AI & Intelligent QA:** Prompt engineering, AI-assisted test case generation & review, traceability, LLM workflows, Jira MCP integration, Azure OpenAI
- API & Performance:** REST APIs, microservices testing
- DevOps & Cloud:** Jenkins, GitLab, GitHub, Maven, AWS, Azure
- Test Management:** Jira, Confluence, Jama, qTest
- Quality Leadership:** Test strategy, estimation, release readiness, quality governance, UAT, risk-based testing



Work Experience

Rockwell Automation Pvt. Ltd. – Project Engineer (P4) | Test Lead

Pune, India | May 2023 – Present

- Lead quality engineering activities for industrial cloud and desktop applications with focus on automation scalability and release quality.
- Developed an AI-driven QA validation solution using LLM workflows and Jira MCP integration for end-to-end verification and validation of requirements, test cases, automation scripts, and defects.
- Designed and implemented Playwright + TypeScript automation framework for industrial monitoring and analytics applications.
- Developed an AI-driven QA validation solution using LLM workflows and Jira MCP integration for end-to-end verification and validation of requirements, test cases, automation scripts, and defects.
- Performed UI, API, regression, integration, and end-to-end testing for web-based industrial automation platforms.
- Managed test planning, execution, traceability, and compliance reporting using qTest and Jama.
- Collaborated with Product Owners, Architects, and Engineering teams to ensure release readiness and quality governance.
- Mentored team members on automation practices, Playwright framework implementation, and quality processes.

Dassault Systemes Solutions Lab Pvt. Ltd. - R&D Engineering Manager

Pune, India | May 2011 – Apr 2023

- Led global QE teams supporting enterprise cloud and desktop software products.
- Defined automation roadmap and implemented scalable Selenium + Java automation frameworks integrated with CI/CD pipelines.
- Managed release validation, UAT coordination, defect governance, and quality reporting across Agile programs.
- Worked closely with business stakeholders, architects, and development teams to improve software quality and delivery predictability.
- Drove automation best practices, framework reviews, code quality improvements, and continuous quality initiatives.
- Developed REST-based QA dashboards and OpenCV-powered visual validation solutions to improve regression efficiency.

CINDA Engineering & Construction Pvt. Ltd. - Piping Design Engineer

Noida, India | Aug 2008 – Mar 2011

- Supported EPC projects using SmartPlant 3D, contributing to design reviews, documentation, and standards compliance.

 Key Projects & Achievements.

Industrial Automation Quality Assurance

- AOP Conversion – Safety & Sensing Devices (2024–2025):** Led QA for modernization and conversion of device profiles, ensuring compliance with updated standards.
- 1445 Condition Monitoring (vMonitor) Web Application (2024–2025):** Defined and executed functional and non-functional testing for a web-based industrial monitoring platform; implemented Playwright-based UI automation for key workflows.

Cloud-Native & Automation Programs

- Medidata – CSL Plasma Donation Management System (2021–2023):** Executed and enhanced UI and API automation testing for a microservices-based cloud application, significantly reducing manual regression effort.
- 3DEXPERIENCE SOLIDWORKS xApps (2016–2021):** Built and evolved test automation frameworks (Selenium, Java) and integrated them into CI/CD workflows to support stable releases.

AI & Quality Engineering Innovations

- AI-Assisted Quality Engineering Platform (2025-2026):** Developed an AI-driven QA validation solution using LLM workflows and Jira MCP integration for end-to-end verification and validation of requirements, test cases, automation scripts, and defects.
- Real-Time Test Management Dashboard (2018):** Built a REST-based QA metrics dashboard providing real-time execution and quality insights, reducing manual status reporting by ~90%.
- iCompare – Automated Image Comparison Tool (2016):** Developed an OpenCV-based visual validation tool to detect UI discrepancies and improve regression accuracy for CAD applications.

 Certifications and Achievements

- Project Management Professional (PMP®) – PMI,** Aug 2025
- Lean Six Sigma – Transactional Yellow Belt** (Jan 2025)
- CSM Certified Scrum Master** – Sep 2023
- AWS Certified Solutions Architect Associate (SAA-C03) –** March 2023
- ISTQB Certified Agile Tester Extension (CTFL-AT) –** 2022
- ISTQB Certified Tester Foundation Level (CTFL) –** 2018

 Academic Details

- Executive MBA in Project Management –** MIT School of Distance Education, Pune
Jan 2013 – Dec 2013 | 75% (A+ Grade)
- B.Tech in Mechanical Engineering –** Dr. Babasaheb Ambedkar Technological University, Raigad
Jun 2003 – May 2007

 Soft Skills

- Strategic Quality Leadership
- Team Mentoring & Talent Development
- Stakeholder Communication & Reporting
- Agile & Cross-Functional Collaboration
- Problem Solving & Root Cause Analysis

 Personal Details

- Current Location: Pune, Maharashtra, India
- Languages: English, Hindi, Marathi
- Passport: Yes