

# PRASHANT KUMAR SINHA – Lead Quality Engineer

+91 8971191121

prashantsinha789@gmail.com

linkedin.com/in/prashant-sinha-732a542a/

**Profile Summary:** As an experienced Automation Test Engineer and Scrum Master with 8 Years of expertise in software testing, QA Methodologies, and Agile Methodologies. With extensive knowledge of the Software Testing Life Cycle, Project Management, and Requirement Gathering & Analysis. I am proficient in User Acceptance Testing (UAT), Performance Test Monitoring, Client Relationship Management, Product Release Support and Team Management. I am a performance-driven leader, managing 4 direct and 13 indirect team members and my expertise include Black Box testing, integration, system, smoke, sanity, regression and API testing technique.

**Functional Skills:** Smoke, Sanity, Regression testing with UAT, Agile Development & Frameworks, JIRA, Confluence

## Technical/Testing Skills

<b>Languages</b>	JavaScript, TypeScript
<b>Testing Tools/ Technologies</b>	Cypress, WebDriverIO, Nightwatch, Testcafe, Protractor, Selenium
<b>Tools</b>	GitHub, BitBucket, JIRA, TFS, AXIOS, Postman, Swagger
<b>Framework</b>	Page Object Model (POM), Mocha, BDD
<b>Database</b>	MySQL/ PostgreSQL
<b>CI</b>	Jenkins
<b>OS</b>	macOS, Windows, Ubuntu

## Professional Experience

→ **LEAD QUALITY ENGINEER** | SMC2, India, Feb 2023 - Present

**Project:** CarParts | **Role:** QA –Automation Lead | Feb 2023 – Present | **Team Size:** 12 (Scrum Team)

✓ **Roles & Responsibility:**

- Led a team of 4 quality engineers using effective testing strategies, plans, and procedures to ensure thorough software testing.
- Work closely with the development team to understand software requirements, architecture and design, and use expertise in Cypress, JavaScript, TestCafe and other relevant tools to ensure consistent and reliable software quality.
- Identify defects, manage bug tracking systems, collaborate with cross-functional teams, and migrate test cases to ensure timely resolution and maintenance of software quality.
- Provide training and guidance to junior quality engineers to ensure they have the necessary skills and knowledge to perform effective software testing, while continuously monitoring and evaluating the effectiveness of the testing processes, recommending improvements as necessary.

✓ **Technologies Used:** JavaScript, Cypress, TestCafe, JIRA, POM, MOCHA

→ **SENIOR SOFTWARE ENGINEER IN TEST (SDET)** | Msys, India, Sept 2022 – Feb 2023

**Project:** BAKKT – Marketplace | **Role:** QA –Automation | **Team Size:** 14 (Scrum Team)

✓ **Roles & Responsibility:**

- Led and manage a team of quality engineers to design and execute test plans, cases and scripts for software products or application using automated testing framework like typescript and Mocha.
- Develop and maintain quality standard and processes to ensure that products meet or exceed customer expectations and requirements and comply with industry standards, best practices and regulatory requirements.
- Collaborate with cross-functional teams, including developers, product owners, and project managers, to identify and resolve quality issues in a timely manner.

- Conduct thorough analysis of product requirements and specifications to ensure that testing is comprehensive and effective.

✓ **Technologies Used:** Typescript, AXIOS, JIRA, POM, MOCHA

→ **SENIOR SOFTWARE ENGINEER-I** | Beckman Coulter, India, Mar 2021 - Sept 2022

Project: DxONE Insights Analytics | Role: QA –Automation | Client: Direct Customer Facing - Product | Team Size: 9

✓ **Roles & Responsibility:**

- Spearhead a team of 4 automation and functional verification engineers to achieve sprint goals using technologies such as NightwatchJS, JavaScript, TFS, Page Objects, Jenkins, Postman, KNIME Workflow, and Database Testing.
- Create, update and modify scripts and develop test protocols for comprehensive testing, including API Testing on Postman and KNIME Workflows with DB Testing.
- Act as a single point of contact (SPOC) between developers and the QA team to develop effective strategies and test plans that meet project requirements.
- Prepare clear, concise, and comprehensive test plans and test cases for internationalization of the application, verifying the activities for Canada, Spain, Germany, Italy, and China releases.
- Evaluate test results, report defects, and resolve issues using the defect life cycle while designing a new automation suite to ensure consistent and reliable software quality.

✓ **Technologies Used:** NightwatchJS, JavaScript, TFS, Page Objects, Jenkins, Postman, KNIME Workflow, DB Testing

→ **CONSULTANT - QA** | TechChefs Software Pvt Ltd – India Apr 2020 - Mar 2021

Project: DxONE Insights Analytics | Role: QA –Automation | Client: Beckman Coulter | Size: 9 (Scrum Team)

✓ **Roles & Responsibility:**

- Designed and implemented comprehensive test plans, test cases, and test matrices using QA best practices and standards for new product launches and business efficiency tools.
- Developed and executed automation frameworks using NightwatchJS, JavaScript, TFS, Page Objects, and Jenkins, with a focus on efficiency and scalability across multiple platforms and devices.
- Initiated automation projects and researched new tools and techniques for test automation, continuously improving the automation process and increasing efficiency.
- Redesigned the regression and functional automation suite to improve the testing process, **resulting in a full-time job offer from the client after working as a contractor.**

✓ **Technologies Used:** NightwatchJS, JavaScript, TFS, Page Objects, Jenkins

→ **QA ENGINEER** | Taazaa Tech Pvt Ltd., India, Jun 2018 - Apr 2020

**Project #1:** Starfish | Role: QA –Automation & Integration Testing | Client: Hobsons-Virginia, USA | Team Size: 11

✓ **Roles & Responsibility:**

- Designed and implemented a test automation framework using WebdriverIO, JavaScript, SauceLabs, Jenkins, GitHub, Page Objects, and PostgreSQL.
- Configured Jenkins Job and developed a Pipeline for continuous integration from Dev to QA, resulting in a successful CI Pipeline on Jenkins.
- Conducted accessibility testing using JAWS Screen Reader, ensuring software usability and accessibility.
- Conducted POC to identify the best tool between Testcafe and Cypress and efficiently implemented the chosen tool, resulting in streamlined and efficient test automation.

✓ **Technologies Used:** WebdriverIO, JavaScript, JIRA, Cypress, Page Objects, Jenkins, SauceLabs, Postgres

→ **SOFTWARE ENGINEER** | Verma Infocomm Pvt Ltd., India, Oct 2015 - Jun 2018

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**Education Qualifications:** BE (Computer Science & Engineering) | JSS Academy of Technical Education – 2015

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**Above stated all details are true to my knowledge**