

JANMEJAY KUMAR

Software Quality Assurance Lead | Automation Testing Expert



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LinkedIn Profile



Bangalore, Karnataka, India

PROFESSIONAL SUMMARY

- Results-driven **Software Quality Assurance professional specializing in automation testing and framework development** professional with **10+ years of progressive experience** in Automation Testing, QA strategy, and test leadership. Adept at architecting and implementing **robust, scalable test automation frameworks** across web, API, and mobile platforms.
- Demonstrated success in **leading cross-functional QA teams**, collaborating closely with product and engineering teams in Agile/DevOps environments to ensure high-quality software delivery.
- Demonstrates a strong passion for innovation with a track record of **leveraging AI-powered tools** like **GitHub Copilot, Nexus Chat, and Microsoft Playwright MCP Server** to drive intelligent test generation and continuous optimization. Skilled in **CI/CD integration, cloud-native testing, and risk-based test planning**, consistently improving test coverage, reducing manual effort, and accelerating release cycles.
- Experience delivering QA solutions for **large-scale enterprise applications** in domains such as finance, telecom, cloud infrastructure, and energy trading, with demonstrated success at organizations like **Xpansiv, HSBC, McKinsey, VMware, and Accenture**.
- Demonstrated impact includes increasing test coverage from **60% to 90% in just three quarters** and reducing **post-release defects by 70%** through strategic shift-left QA integration
- Known for **mentoring QA engineers and driving adoption of modern automation practices** across global teams, aligning quality efforts with evolving product goals and customer expectations.

CORE EXPERTISE

Web Automation Testing

- Expertise in AngularJS and non-AngularJS automation tools
- Proficient in Protractor, Playwright, Cypress, WebDriverIO and WebDriverJS
- Hands-on experience with TypeScript, Jasmine, and Cucumber frameworks
- Skilled in implementing advanced Page Object Model (POM) design patterns

AI-Powered Test Optimization

- Applied machine learning techniques for predictive analysis and quality trend forecasting
- Specialized in strategic test case prioritization to optimize test coverage and reduce execution time
- Experience with automated test generation leveraging tools like GitHub Copilot / Playwright MCP
- Focused on continuous improvement of QA strategies to align with evolving product and business goals

Advanced Test Automation

- Connected Playwright with MCP Server to manage and track automated tests more effectively.
- Enabled real-time user action capture to streamline automated test creation and debugging
- Implemented instant script conversion for rapid automation from interactive user flows
- Seamlessly integrated test automation workflows into CI/CD pipelines for continuous and reliable quality assurance

Comprehensive Testing

- API Testing using Cypress with integrated HTTP clients for robust service validation
- Mobile test automation expertise using Appium and WebDriverIO with TypeScript
- Cross-browser compatibility assurance through BrowserStack integration & docker with pipeline
- Proven track record with enterprise-grade QA delivery for high-impact projects at Xpansiv, HSBC, McKinsey and VMware

TECHNICAL EXPERTISE

Test Automation Tools

- Protractor, Cypress, Playwright
- Selenium, Appium (BrowserStack)
- WebDriverIO, WebDriverJS
- API HTTP Client (POJO Object)

Project Management & AI-Powered Agent Tool

- JIRA, Confluence, Test Rail
- Agile Testing, Scrum, Sprint Planning
- GitHub Copilot, Claude, Playwright MCP Server

Development & Integration

- Java, TypeScript, JavaScript
- GitHub, GitLab, AWS Code Commit
- VSCode, IntelliJ, Eclipse
- Maven, Jenkins, GitHub Actions, GitLab

KEY ACHIEVEMENTS



Customer Delight Award (2017) - Received in first quadrant of 2017 for client appreciation on successfully handling the UK and HK implementation release in production from automation



Surpass Award - Awarded for designing an AI-powered automation framework widely adopted across multiple projects, significantly boosting test efficiency and consistency while reducing maintenance through intelligent test generation and self-healing capabilities.



Star of the Month - Awarded for successful delivery of one of the finest projects in Accenture for GSK Client.



Best Performance (3x) - Awarded 3 times in Synechron for framework creation and maintenance.

PROFESSIONAL EXPERIENCE

Automation Lead Synechron India Pvt. Ltd. Leading automation initiatives and AI-driven framework adoption across multiple projects	Nov 2023 – Present
Automation SDET Developer Xebia Architect India Pvt. Ltd. Developed robust automation frameworks and enhanced software reliability	May 2021 – Oct 2023
Senior Development Test Engineer Encora Inc. Optimized test strategies and implemented comprehensive QA protocols	Jul 2020 – May 2021
Senior Software Test Analyst Accenture India Pvt. Ltd. Analyzed testing methodologies and led cross-functional testing initiatives	Dec 2018 – Jul 2020
Associate Consultant Capgemini India Pvt. Ltd. Developed automation solutions for enterprise digital transformation projects	Mar 2015 – Nov 2018

NOTABLE PROJECTS

CBL and RVMCM (Carbon Trading) XPANSIV <ul style="list-style-type: none">Playwright/Cypress-TypeScript frameworkiOS/Android automation with BrowserStackCI/CD pipeline integration	ECI & RC (Excel and Insights) McKinsey <ul style="list-style-type: none">API-Cypress with HTTP ClientREST services validation (JSON/XML)Automated pipeline jobs
vRNI (Virtual Network Insight) VMware <ul style="list-style-type: none">Selenium, Protractor, TypeScriptProduction testing (Alpha/Beta/RTM)Traffic flow analysis automation	VADM (Device Management) & SAAS (Security as a Service) HSBC <ul style="list-style-type: none">Java, Appium mobile automationAndroid web testing with reportingParallel test execution
GSP (Global Service Provider) HSBC <ul style="list-style-type: none">Java, Appium mobile automationAndroid web testing with reportingWrite script for continuous integration module	EOS –Zynga Zynga <ul style="list-style-type: none">Automated application module using JAVA-TestNG by writing scripts and used as frameworkInvolved in Scratch implementation of framework, moved entire framework by using POM, and creating utility files and setup files.
ALSC – DAU (Data Access utility) GSK (GlaxoSmithKline) <ul style="list-style-type: none">Java, API HTTP ClientUsing POJO ClassParallel test execution	MAST (Maritime Asset Strategy Transformation) Holland America Cruise Inc (Carnival Corporation) <ul style="list-style-type: none">Protractor-TypeScriptManage Regression and pipelineInvolved in Regression and developing Functional Tests using JAVA-Script Gulp Automation.

EDUCATION

Bachelor of Engineering - Computer Science Nagpur University, Maharashtra (2012)
Higher Secondary Certificate (HSC) CBSE Patna, Bihar (2008)

PROFESSIONAL STRENGTHS

✔ Strategic Leadership - Innovative QA approach	✔ Adaptability -Fast-Paced Environment Expertise
✔ Excellence Commitment - Quality standards	✔ Collaborative Leadership - Across Teams

PERSONAL DETAILS

Date of Birth: December 2, 1991	Current Location: Bangalore, Karnataka, India
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I hereby declare that all the information provided above is true and correct to the best of my knowledge and belief.

Janmejay Kumar