SAHIL GOYAL

Engineering Manager – QA | Building Scalable, AI-Driven Quality Systems for SaaS Products

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📍 Delhi, India (Willing to relocate)

SUMMARY

Engineering Manager – QA with 12+ years of experience leading multi-squad QA teams and shaping quality engineering strategy for large-scale SaaS platforms. Adept at blending automation, AI, and data-driven insights to strengthen product reliability and accelerate releases. Known for building high-performing teams, establishing scalable frameworks, and driving a culture of ownership, innovation, and continuous improvement across engineering and product functions.

EXPERIENCE

Engineering Manager QA

Wingify

📅 04/2025 - Present   📍 Remote

- Leading a QA organization of 8 engineers across **5 product pods** for VWO, defining quality strategy and ensuring alignment with business and engineering goals.
- Spearheading **QA AI initiatives** - building **Locator Healer**, **AI-based test generation**, and **AI-driven support ticket responders**, reducing manual testing and improving efficiency by 40%.
- Established a **centralized test intelligence framework** that enables data-driven defect analysis and faster release readiness decisions.
- Built and scaled high-performing teams through mentoring, strategic hiring, and ownership culture, improving delivery predictability and retention.
- Partnered with product and engineering leadership to introduce quality KPIs, reducing defect leakage by 30% and improving release confidence.

Lead QA Engineer

Wingify

📅 02/2021 - 03/2025   📍 Remote

- Spearheaded cross-department automation integration, eliminating manual regressions and saving 500+ engineering hours monthly.
- Led Protractor to Playwright (NodeJS) migration, cutting execution time by 50% and improving test stability.
- Implemented Slack–Jenkins integration, reducing automation process time by 30% and improving visibility of test results.
- Transitioned over 2,000 Runscope test cases to REST Assured, lowering infrastructure costs and improving API testing scalability.
- Built a JMeter-based performance suite for data-intensive testing, increasing throughput and team productivity by 40%.

Senior Software Engineer, Automation

Springboard

📅 09/2019 - 02/2021   📍 Bangalore, India

- Elevated automation coverage by 75%, improving quality assurance across multiple products.
- Built and managed a UI automation framework (Selenium, Python, PyTest) integrated into CI/CD, increasing coverage by 40%.
- Analyzed QA processes across teams and advised CTO on a unified company-wide strategy, boosting efficiency by 20%.
- Integrated LinkedIn Learning & Next Tech via LTI, enhancing the student experience and platform reliability.
- Improved Django framework performance and backend stability, reducing production issues significantly.

Senior QA Engineer

Wingify

📅 07/2017 - 08/2019   📍 Delhi, India

- Reduced testing cycles by 50% through improved test planning and automation.
- Developed a Node.js API testing framework capable of testing 200+ enterprise-level API calls daily.
- Implemented a Selenium Grid with Docker Swarm, enabling parallel execution and boosting throughput.
- Built and executed end-to-end test cases for the VWO web app, strengthening release quality.

EXPERIENCE

Senior QA Engineer

Compro Technologies

📅 07/2013 - 03/2017   📍 Delhi, India

- Increased test coverage from 0% to 50% through strategic automation framework design using Java, TestNG, Selenium.
- Integrated Jenkins CI, achieving a 30% improvement in build and deployment efficiency.
- Streamlined QA artifacts, improving test documentation accuracy by 20.

CORE COMPETENCIES

Quality Strategy • AI in Testing • Automation Architecture • Test Ops • CI/CD • Cross-functional Leadership • Scalable QA Frameworks • Test Intelligence • SDLC Optimization • Agile & DevOps • Cloud QA • Team Building

SKILLS & TOOLS

Languages: Java, Python, JavaScript, TypeScript, AI
Testing: Playwright, Selenium, Cypress, REST Assured, Postman, JMeter, PyTest, TestNG
DevOps: Jenkins, Docker, CircleCI, GCP, Git, Bitbucket, CI/CD Pipelines
QA Practices: Automation Strategy, API Testing, Performance Testing, SDLC/STLC, Test Management, AI in QA

CERTIFICATION

ISTQB Foundation Level

May 2015

EDUCATION

Bachelor of Technology

Punjabi University Patiala

📅 2013 - 2014   📍 Patiala, India

GPA
7.61 / 10.0

ACHIEVEMENTS

YBA Award at Springboard

In recognition of excellent demonstration of continuous improvement in a structured and process-oriented approach.

Wingify Champ

Recognized multiple times for leadership in automation excellence and cross-team quality transformation.

FIND ME ONLINE

GitHub

https://github.com/sahil1610

LANGUAGES

English — Proficient

Punjabi — Native

Hindi — Native