

# KAUSHIK G

## Senior Quality Assurance Engineer

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### PROFESSIONAL SUMMARY

Senior Quality Assurance Engineer with 4+ years of experience in test automation, scalable automation framework development, CI/CD pipeline integration, and distributed test execution infrastructure.

Expertise in Playwright, Cypress, API automation, and cloud-based testing using AWS. Recent role change of managing E2E Test releases.

### TECHNICAL SKILLS

|                 |                                                                            |
|-----------------|----------------------------------------------------------------------------|
| Test Automation | Playwright, Cypress, Mocha, Page Object Model, Test Framework Architecture |
| Programming     | JavaScript, Python                                                         |
| API Testing     | REST Assured, Postman                                                      |
| CI/CD & DevOps  | Jenkins, GitHub Actions, Docker, Kubernetes                                |
| Cloud Platforms | AWS, Azure, Cloudflare                                                     |
| Databases       | MySQL, MongoDB, DynamoDB, Neo4j                                            |
| Observability   | AWS Athena, AWS CloudWatch, Airbrake                                       |
| Methodologies   | Agile Testing, TDD, BDD, Shift-Left Testing                                |

### PROFESSIONAL EXPERIENCE

#### Freightify

**Senior Quality Assurance Engineer** | May 2026 – Present | Chennai, India

- Cross-Functional Collaboration: Partner closely with Development Leads and Product Managers to define comprehensive test plans, align quality strategies with business goals and ensure the predictable, on-time delivery of high-quality features.
- Team Leadership & Mentorship: Lead QA initiatives and mentor junior engineers, establishing best practices for test automation and framework design to elevate overall team capabilities.

**Software Development Engineer in Test (SDET)** | May 2025 – May 2026 | Chennai, India

- Designed and implemented CI/CD automation pipelines, reducing deployment time by 60% and increasing automated test execution frequency.
- Developed AI-powered test automation agents to optimize test generation and maintenance, reducing manual testing effort by 40%.
- Integrated automation testing into CI/CD pipelines enabling continuous validation across staging and production environments.

**Automation Test Engineer** | Aug 2022 – Apr 2025 | Chennai, India

- Built a distributed automation execution platform using containerized infrastructure enabling 100+ parallel Playwright test executions with auto-scaling, reducing regression testing time by 70%.
- Authored and maintained end-to-end UI and API automation test suites improving overall automation coverage across critical product flows.
- Improved test reliability by implementing robust test design patterns, reducing false positives by 30% and maintaining 95% test suite stability.
- Implemented accessibility and security testing automation, improving product compliance and quality assurance processes.

## Automation Architecture Experience

- Designed scalable Playwright automation framework using modular architecture and Page Object Model.
- Implemented parallel test execution infrastructure supporting high concurrency for faster regression cycles.
- Integrated automated testing pipelines into CI/CD workflows for continuous quality validation.
- Built containerized test environments using Docker to support distributed automation execution.

## CERTIFICATIONS

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### AI Fundamentals

Issued: March 18, 2026 • Exam Provider: IBM

### ISTQB Certified Tester – Foundation Level (CTFL)

Issued: March 7, 2026 • Exam Provider: Pearson VUE

### CargoWise Certified Operator - Forwarding

Issued: January 26, 2026 • Exam Provider: Wisetech Academy

## PROJECTS

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### Cyber-bullying Detection System

*Machine Learning Project • Python & Deep Learning*

Developed a machine learning-based system to detect cyber-bullying on social media platforms using Python and deep learning models.

- Achieved 92% detection accuracy on large-scale datasets.
- Built scalable data processing pipeline handling 1M+ social media posts using MongoDB.

## ACHIEVEMENTS

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- Led test automation initiatives resulting in 80% reduction in regression testing time across multiple product teams.
- Contributor to open-source automation frameworks and testing tools supporting community-driven QA innovation.
- Participated in 9 World Cube Association competitions, demonstrating strong analytical and problem-solving abilities.

## EDUCATION

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### Master of Computer Applications (MCA)

Coimbatore Institute of Technology • 2020 – 2022 • CGPA: 7.18

### Bachelor of Computer Applications (BCA)

B.S. Abdur Rahman Crescent Institute • 2017 – 2020 • CGPA: 8.08

## ADDITIONAL INFORMATION

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**Availability:** Immediate (30-day notice period)

**Professional Interests:** AI Automation tester, scalable automation platforms, cloud-native testing infrastructure.