Abhishek Aravind Mesta
Software QA Engineer

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SUMMARY

Automation specialist with 4+ years of experience in software testing and quality engineering, with expertise in Selenium, Cucumber, Rest Assured, Cypress, Playwright, and CI/CD pipelines. Skilled in both UI and API automation, manual validation, and performance testing. Recognized as Key Performer 2022 for improving testing processes and enhancing efficiency across projects. **Open to relocation.**

EXPERIENCE

Software QA Engineer
RedHat   **June 2025 – Present | Pune**

- Developing a Playwright framework for Salesforce Lightning, automating 20+ tests for faster validation.
- Executed manual testing across multiple environments, raising 15+ bugs and enhancement requests via regression and integration testing.
- Contributed to the QE community by sharing knowledge and building 2 new tools to improve quality engineering.
- Integrated a GitLab CI/CD pipeline to execute tests on 3 browsers in parallel, cutting execution time significantly.
- Leveraged AI tools (Gemini, Copilot) to accelerate automation by 40%, improving delivery timelines.

Associate Software QA Engineer
Thomson Reuters   **May 2024 – June 2025 | Hyderabad**

- Automated UI and API testing with Cypress & TypeScript, covering 4–5 stories per sprint.
- Configured Amazon AWS pipelines, managing 10 automation workflows.
- Validated APIs with Postman across 10+ web services, ensuring integration reliability.
- Performed performance and accessibility testing post-release, increasing platform stability and efficiency by 25%.
- Designed a Playwright + AXE framework to detect and report accessibility issues.
- Applied GitHub Copilot to auto-generate Cypress scripts and review PRs, reducing manual effort 60–70% with 75% accuracy.
- Performed release testing on production platforms, ensuring deployment readiness.

Associate Software Engineer
Capgemini   **August 2021 - May 2024 | Bangalore**

- Led Agile sprints (4–6 weeks), delivering features on time while maintaining QA standards.
- Collaborated with a semiconductor client across India & UK to drive successful project delivery.
- Automated web application tests using Selenium & Cucumber; integrated 195+ test cases in Jenkins pipelines.
- Developed 30+ command-line test scripts for backend validation.
- Mentored 8 team members on platform workflows and automation practices.

EDUCATION

Bachelor of Engineering in Computer Science
New Horizon College of Engineering • Bengaluru • August 2021 • CGPA - 8.92

SKILLS

- Java
- Selenium
- Cypress
- Agile
- CI/CD
- AI Tools (Gemini, Copilot)
- UI Automation
- Cucumber
- Playwright
- GIT
- Jira
- Postman
- API Automation
- Rest Assured
- OOP Concepts
- SQL
- Typescript
- Prompt Engineering

CERTIFICATIONS

- **Generative AI: Prompt Engineering Basics**
  IBM Coursera Certificate • May 2025

- **API Testing Using Rest Assured Test Automation Tool**
  Coursera Certificates • November 2023

- **Continuous Delivery with Jenkins in Kubernetes Engine**
  Coursera Certificates • November 2023

- **Microsoft Azure cloud - Microsoft**
  Microsoft Certificates • April 2023

PROJECTS

- Built and published Android Game, **SOS Game: Strike It** on Google Play Store.
  December 2023 - February 2024

- Authored & presented a paper on **"Pneumonia Detection using Deep Learning"** in 2021**.**
  September 2020 - August 2021

- Developed a conversational Machine Learning based product exploration tool - Finalist **Lowe's Hackathon 2020**.
  February 2020 - May 2020