

Sangamnath R Ingalalli

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Professional Summary

QA Automation Engineer specializing in **Web, API, Mobile, and Microservices testing**, with **5 years of experience** delivering **20+ releases across telecom, media, and finance domains**. Reduced testing cycles by **40%** and boosted defect detection by **30%** through optimized automation frameworks and CI/CD integration. Expert in Agile and DevOps, passionate about driving quality and efficiency in fast-paced environments.

Technical Skills

- **Languages:** Java, TypeScript, JavaScript, Python, Bash, Gherkin
- **Automation Tools:** Playwright, Cypress, Selenium WebDriver, Appium
- **API Testing:** REST Assured, Postman, Newman
- **Frameworks:** TestNG, JUnit, Maven, POM, Cucumber, BDD/TDD
- **CI/CD & DevOps:** GitHub Actions, Jenkins, ArgoCD, GitLab CI/CD, Docker, Kubernetes
- **Performance/Security:** JMeter, OWASP ZAP, k6, Burp Suite
- **Databases:** MySQL, PostgreSQL, Oracle
- **Cloud Platforms:** AWS (S3, EC2), Azure, GCP, MinIO
- **Testing Types:** Regression, Smoke, UI, Database, API, Performance, Accessibility, Security
- **Others:** Jira, IntelliJ, Extent Reports, BrowserStack, SauceLabs

Professional Experience

Company: Nike || April 2025 – till Now

- Built BDD API automation with RestAssured and Jenkins, reducing manual testing by 35%
- Created 150+ Playwright tests in TypeScript, boosting UI coverage by 65%
- Improved test stability by 30% through flaky test handling and custom reporting

Company: Subex || July 2023 – April 2025

- Led ETL and DMS microservices testing across cloud infrastructure (Kubernetes & ArgoCD)
- Developed over 120 Selenium test scripts reducing manual testing by 70%
- Integrated shift-left testing in CI/CD pipelines using GitHub Actions and Docker, improving release velocity
- Mentored junior testers and enhanced AI-based tool usage to improve failure prediction

Company: Trigent || Nov 2022 – March 2023

- Automated over 500 E2E API scenarios using Postman, REST Assured, and Newman CLI
- Participated in test planning and design for microservices and event-driven systems
- Evaluated and integrated AI tools for test case optimization, reducing flakiness by 20%

Company: K.L.E || July 2021 – Aug 2022

- Developed clear instructional materials, streamlining communication like QA test case documentation.
- Mentored individuals to achieve performance goals, supporting QA automation best practices
- Facilitated technical training on software processes, enhancing team skills for QA workflows

Company: 3i Infotech || July 2019 – Feb 2021

- Performed functional and regression testing on financial apps with a focus on security and compliance
- Built reusable automation frameworks using Selenium/TestNG reducing regression cycles by 50%
- Collaborated across QA, Dev, and BA teams to deliver high-quality, stable releases

Education

- Master of Computer Applications (MCA)
 - Visvesvaraya Technological University, Karnataka || Sept 2015 – Aug 2018 || Percentage 64%