



Riya Samanta

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SUMMARY

Highly motivated QA Automation Tester with 2.4 years of hands-on experience in Selenium-Java, Playwright-JavaScript, Pytest and REST API testing, specializing in modern test automation practices. Adept at integrating Generative AI into the testing lifecycle by leveraging ChatGPT, GitHub Copilot, and AI-driven automation techniques for intelligent test scenario creation, dynamic test data generation, self-healing scripts, and faster root-cause analysis. Experienced in Agile product development environments, ensuring high test coverage, faster releases, and enhanced application stability.

TECHNICAL SKILLS

Software Engineering

- Selenium
- Playwright
- Pytest
- Java
- CI/CD Integration

GenAI & AI Tools

- Python
- LangChain(basic)
- Hugging Face (models & datasets)
- ChatGPT
- GitHub Copilot

Tools / Platforms

- VS Code
- Jenkins
- Docker(basic)
- Jira
- SPIRA
- Git / GitHub
- Postman

EXPERIENCE SUMMARY

Associate Software Engineer, 12/2023 - Current

Mphasis, Bangalore, India

- Designed, developed, and maintained automation test scripts using Selenium (Java), Playwright (JavaScript), and Pytest (Python) for web and API testing.
- Automated 150+ test cases across UI and API layers, improving regression efficiency by ~40% using Selenium and Playwright.
- Integrated automated test suites with CI/CD pipelines using Jenkins to enable continuous testing.
- Used ChatGPT and GitHub Copilot for test case generation, script optimization, and faster defect analysis.
- Actively participated in Agile/Scrum ceremonies including sprint planning, grooming, reviews, and daily stand-ups.
- Logged, tracked, and managed defects using JIRA, working closely with developers for faster resolution.

Associate Software Engineer - Trainee, 9/2023 - 11/2023

Mphasis, Bangalore, India

- Python fundamentals, Pytest, API testing, Git, Agile basics

CERTIFICATIONS

- Internshala Trainings - Machine Learning Certification(2021)
- Mphasis Internal – GitHub Copilot Generic Knowledge Based Assessment (2023)
- Udemy – Machine Learning in Python(2021)

**ACADEMIC
QUALIFICATION**

Heritage Institute of Technology, Kolkata, 06/2022

Master in Computer Application

- DGPA – 8.16
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Raja NarendraLal Khan Women's Collage, Midnapore, 06/2020

Bachelor In Science

- CGPA – 7.48

**PROFESSIONAL LINKS &
PUBLICATIONS**

<https://www.linkedin.com/in/riya-samanta-551040212/>

<https://github.com/Riyasa2019/>