Diksha Sinha

github.com/sinhadiksha99 Portfolio Diksha Sinha sinhadiksha99@gmail.com

EXPERIENCE

Snaptrude | *Tools Engineer (April 2024 - Present)*

- Designed and implemented robust automated test suites, encompassing comprehensive test coverage (positive, negative, edge cases), to ensure feature quality, stability, and robustness.
- Established and maintained effective testing pipelines, including smoke and sanity checks, to streamline testing processes and accelerate release cycles.
- Actively participated in the bug cycle, effectively identifying, reporting, and collaborating on the resolution of issues to enhance overall product quality.

Mobisy : Bizom | *Software Developer Intern (Jan - June 2023), Software Development Engineer (Aug - Sept 2023)*

- Designed and developed an automated retail supply chain platform using Sales Force Automation (SFA) principles, streamlining order fulfillment and inventory management.
- Successfully migrated legacy services to a secure and performant platform, improving scalability and reliability.
- Optimized complex SQL queries to significantly reduce latency and improve platform responsiveness.

PROJECTS

QTrip | *Test Ng , XPath , Selenium , Page Factory*
- Designed and automated test cases following Page Object Model design pattern using Page Factory, Selenium and TestNG.
- Utilized Apache POI in each test to accept dynamic test data. Created a TestNG project for easily running automated test cases.
- Implemented Singleton pattern for initializing Wedbriver to make effective use of resources. Generated customized test reports for the TestNG project using Extent Reports.

QKart | *Selenium, Apache POI, XPath*
- Debugged failing test cases and issues with log statements. Automated testing with selenium.
- Utilised implicit and explicit waits correctly to avoid synchronisation issues. Improved the tests with XPath.
- Migrated tests to the TestNG test automation framework. Performed Data-driven test automation with Apache POI

SKILLS

Languages: C/C++, Java, JavaScript, HTML/CSS
Tools: Playright, Git/GitHub, Selenium, TestNg, Extent Framework, Allure Report, Apache POI, Postman, MySQL

EDUCATION

International Institute of Information Technology, Bangalore	M.Tech. Computer Science
GPA: 2.92/4.0	
DIT UNIVERSITY, Dehradun	B.Tech. Information Technology
GPA: 8.08/10.0	

COURSEWORK ACHIEVEMENTS

Courses
Object-Oriented Programming, Data Structures & Algorithms, Operating Systems, Database Management System, Computer Networks
Achievements:
All India GATE-2021 Percentile: 98.7%ile
National Informatics Center (Cleared the Scientist-B exam)