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Training

Jan 2024 - Feb 2024

- Conducted **manual** and **automated** testing on real-world projects, identifying and **reporting defects** to enhance software quality.
- Gained hands-on experience with testing tools like **Selenium, Maven, TestNG, and JUnit** for automation testing.
- Developed and executed **test cases**, covering functional, regression, and boundary testing on mock and MNC websites.
- Improved testing efficiency by optimizing processes, achieving a 76% reduction in test execution time.
- Enhanced skills in Java for test automation, defect tracking, and documentation of test reports.
- Implemented data-driven testing using TestNG to enhance test coverage and efficiency.
- Familiar with **API testing using Postman and REST Assured** for validating backend services.
  Technologies & Tools: Selenium, Maven, TestNG, JUnit, Manual & Automation Testing, Java.
  Github: https://github.com/rksingh15/Skill_Stone_Automated_Testing

Projects

Project Title: Testing BikeWale   **Jan 2024 - Feb 2024**

- Designed and implemented **50+ automated** test cases to validate authentication mechanisms, ensuring a 99% test coverage across functional, negative, and boundary scenarios.
- Developed a data-driven testing framework using **Java**, **Selenium**, and **Maven**, improving execution efficiency by 40%.
- Implemented exception handling and logging mechanisms to enhance test reliability and debugging.
- Ensured seamless user experience by validating webpage navigation, product filtering, and secure.
- **Technologies Used**: Selenium WebDriver, Java, Maven
- **Github: https://github.com/rksingh15/Skill_Stone_Automated_Testing**

Project Title: Automated Testing of Online Clothing Purchase – Luma Demo Store   **Jan 2024 - Feb 2024**

- Developed **70+ automated test cases** to validate product selection, cart management, checkout, and order
- Enhanced test coverage to 98%, **reduced manual testing efforts by 70%**, and improved execution speed by 50% through parallel testing.
- Impact: Ensured seamless user experience by validating webpage navigation, product filtering, and secure. transactions, minimizing critical defects by 85%.
- **Technologies Used**: SeleniumWebDriver, Java, Maven
- **Github: https://github.com/rksingh15/Skill_Stone_Automated_Testing**

Certificates

Training in Java: Certification by Cipher Schools.	**Jun24 -Aug24**
NPTEL Cloud Computing: Certification by NPTEL.	**Aug24 -Oct24**
Web Testing with Selenium: Certification by University of Minnesota (Coursera) .	**Sep24 -Oct24**

Technical Skills

Languages: Java

Technologies / Frameworks: Selenium, Maven, TestNG, JUnit, GitHub, Postman, SoapUI, Rest Assured

Lovely Professional University *Bachelor of Technology - Computer Science and Engineering; **CGPA**: 7.7*	**Since August 2022** *Jalandhar, Punjab*
M.J.R.P Public School *Intermediate; **Percentage**: 73.3%*	**2021 – 2022** *Ghazipur, Uttar Pradesh*
M.J.R.P Public School *Matriculation; **Percentage:** 74.4%*	**2019 – 2020** *Ghazipur, Uttar Pradesh*