

Siddharth Chhabra

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Profile Summary

Detail-oriented **Automation Tester** with **1.5 years** of experience in **Selenium (Web Automation) and API Testing**. Strong expertise in designing, developing, and executing automated test scripts to enhance software quality. Proficient in **Agile/Scrum methodologies** and the **SDLC**, with excellent problem-solving skills and the ability to manage multiple priorities in fast-paced environments. Adept at collaborating with cross-functional teams and clients across different time zones.

EDUCATION

Bachelor of Computer Applications

Graphic Era Hill University, Dehradun | 2020 – 2023

CGPA: 8.06

Master of Computer Applications

Chandigarh University, Dehradun | 2024

CGPA: 9.01

CERTIFICATIONS

- **Selenium WebDriver & Java - Testing using Real Examples**– Udemy
 - **SQL Practice: Intermediate Queries** – LinkedIn Learning
 - **SDLC Overview - Software Development Life Cycle** – Udemy
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TECHNICAL SKILLS

- **Automation Tools:** Selenium WebDriver, TestNG, JUnit
- **Programming:** Java, Python
- **API Testing:** REST, Postman
- **CI/CD:** Jenkins, Git, Maven
- **Frameworks:** Page Object Model (POM), BDD (Cucumber)
- **Agile/DevOps:** Scrum, Jira
- **Other:** SQL, Bug Tracking, Performance Testing (basic knowledge), manual testing

PROFESSIONAL EXPERIENCE

Automation Tester (Full Time)

Tata Consultancy Services | November 2023 – Present

- **Developed 50+ Selenium WebDriver scripts in Java** using Page Object Model (POM), reducing regression test execution time by **30%**.
- **Automated API testing for 10+ microservices** using Postman, achieving **95% integration coverage** and reducing production defects by **25%**.
- **Integrated TestNG/JUnit frameworks with Jenkins CI/CD**, enabling daily automated regression runs and cutting manual testing efforts by **40%**.
- **Implemented BDD framework using Cucumber (Gherkin)**, improving collaboration between QA, Dev, and stakeholders through executable specifications.
- **Logged, tracked, and resolved 150+ defects in JIRA**, maintaining a **90% resolution rate** prior to production deployments.
- **Increased test coverage by 20%** and reduced regression cycle time by **35%** through cross-functional Agile team collaboration.
- **Managed test automation codebase in Git**, supporting parallel development across **3+ concurrent client projects**.
- **Performed manual testing for web applications, including test case design, execution, and defect logging in JIRA, ensuring comprehensive test coverage and adherence to functional requirements.**

PROJECTS

AI-Powered Web Scraper

Technologies Used: Python, BeautifulSoup, Selenium, Llama, Streamlit

- Developed an AI-driven web scraper capable of extracting structured data from websites dynamically.
- Integrated AI to enhance data extraction and improve accuracy in parsing complex HTML structures.
- Utilized Python libraries like BeautifulSoup and Selenium for efficient scraping and automation.
- Processed and stored scraped data for further analysis, improving data accessibility.