

PREET GARG

Software Development Engineer in Test 1

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About Me

Enthusiastic QA Software Engineer proficient in maintaining quality for large-scale enterprise web applications through UI/API test automation frameworks. Possesses 2.8+ years of hands-on experience on functional and non-functional QA activities, with a strong understanding of project domains and diverse **Agile** testing methodologies.

Work Experience

Innovaccer

Sep 2021 – present

Software Development Engineer in Test 1

Noida, Uttar Pradesh

- Spearheaded QA Automation/Testing of a Health Management and Compliance System for a hospital chain, managing both front-end and back-end components with **Zero Critical Security Vulnerabilities** across any Customer
- Implemented a Highly configurable UI/API Automation suite in CRM worklist product (Workqueue) using **Playwright**. This approach optimized **Test Execution Time** by 35% and earning client accolades during a pivotal demo. Achieved high levels of client satisfaction by delivering a product exceeding expectations, enhancing productivity, and reducing operational overhead. Also done **Performance Testing** using **JMeter**.
- **Automated/Tested** over 2000 dynamic UI/API components in **Selenium/RestAssured**, Configuring Performance for multiple environments using **Jmeter** and **Blazemeter** for Performance testing.
- Experienced in analyzing business requirements and functional specifications to prepare **Test Strategy** and **Test Plan**, creating **User Stories**, **Reporting & Tracking Bugs** utilizing **Jira** resulting in a 30% improvement in bug resolution time and enhanced product delivery efficiency.
- Employed Apache **JMeter** and **ArgoCD**, **Grafana Dashboards** to capture irregularity in API responsiveness, resulting in a substantial decrease in latency from **900ms** to **400ms**.
- Diligently applying **Regression analysis techniques**, actively tracking data points, and implementing stringent quality control measures to ensure zero margin for error or data leakage.
- Consistently document **Engg Challenges** solved, or **Achievements** and publish insights and solutions via blog platforms, and share knowledge with a wider audience so that others can also learn from my experience.

Wipro — 🌐

June 2021 – July 2021

Trainee Intern

Noida, U.P

- Orchestrated the creation of over 50 dashboard user interfaces, integrating **JIRA**, **Confluence** and **Crossfilters** for dynamic data visualization and interactivity.
- Worked on **Java Algorithms** for migration and improvement of coding practices, ensuring data accuracy and integrity.

Technical Skills

Programming Languages: Java, Javascript, Python, Groovy scripting

Databases: MongoDB, PostgreSQL, MySql

Frameworks: Selenium/JAVA/TestNg Test framework, Playwright/Javascript framework, Cucumber Framework.

Api Testing: SoapUIs, RestAssured

Performance Testing: Jmeter, Blaazemeter

Version Control: Git, Github, Gitlab

Miscellaneous: Cucumber, Gitlab CI/CD, Docker, Jenkins, Grafana, ArgoCD, Jira, Shell Scripting, ChatGPT, AWS

Projects

What's Next | *Java, Mysql, Materialized UI, OOPS, Rest API* – 🌐

- Built an Interactive Java App for Techy Engineers and corporates too interact, collaborate and Community regarding projects, ideas etc.
- Implemented **Java** to design FE/BE of application and can **MySql** for DB management.
- App shows nearby events based on location, discussion forum in groups.

Education

KIET Group Of Institutions — Grade : 78%

Bachelor of Technology in Information Technology

Ghaziabad, U.P

Awards and Recognitions

- MVP for January 2024
- 100% OKR achieved in 2023
- 92 Bugs Logged in February 2024