

Ankit Kumar

Software Development Engineer In Test II

Technical Skills

Java | Selenium | Docker| Rest Assured TestNG |
JavaScript | JMeter | Maven | Git | SQL | MongoDB |
Azure Pipelines | Non-Functional Testing
ChromeDriver | Puppeteer | OWASP ZAP | Locust |
CI/CD | Kubernetes | Linux

Soft Skills

Decision-maker | Written and verbal Communication
Mentor | Emotional Intelligence |
Willingness to learn

Software

Intellij idea | VS Code | Azure DevOps | Excel/Word
Postman | Elastic Search | Mongo Compass | MySQL
Workbench | Kafka | Grafana

Awards and Recognition

Lime Light Award - Developed API monitoring tool, saving \$95/month by eliminating paid tools.

CollabRx - 1st Runner Up for best Presentation.

Super Hero - Developed PnC framework for API testing, increasing test cases 20x and improving coverage to over 94%.

Education

Bachelor of Computer Science | 2017 July- 2021 Jun | 8.78 CGPA
Chitkara University,Punjab

Class XII | 2016 Apr-2017 Mar | 87 %
Kendriya Vidyalaya, Haryana

Ankit Kumar

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Portfolio:

https://ankit-kumar-22.github.io

Professional Summary

With **2.6 years of experience** as a QA Automation Engineer - SDET, extensively worked on Automation, Testing client-server, API, and web services applications.

Work Experience

Software Development Engineer In Test II

Bajaj Finserv Health Ltd. | July 2022 –Present

- Created PnC(Permutation and Combination) framework for API tests, resulting in **20x more test cases** and increased coverage to over 94%.
- Established Python-based automated load testing framework, Locust, for high RPS (requests per second) and **reduced resource consumption by 50% CPU** and **40% RAM** compared to JMeter.
- Carried out high RPS Performance/Long Haul testing to measure server performance for high-traffic scenarios, achieving **75% traffic replication**.
- Conducted POC reports for SAST and DAST tools like Burp Suite, Checkmarx, Snyk, Sonarqube, etc., to help finalize tool selection for the organization.
- Successfully established CI/CD pipelines, resulting in a **30% reduction** in the time required to deploy new features.

Software Development Engineer In Test

Bajaj Finserv Health Ltd. | July 2021 –June 2022

- Mentored automation team to achieve more than 90% test case coverage, leading to an **85% reduction in P0/P1 production bugs**.
- Collaborated with a 5-member DevOps team for pod testing, resulting in a high system **scalability of 10x load**.
- Executed **90% automated backend reports**, improving the monitoring system for the entire team.
- Collaborated with development teams to resolve high-vulnerability security issues, resulting in a **35% reduction**.
- Accelerated performance testing, resulting in a **27% increase in customer retention rate**.
- Directed a team of **4 interns and 3 QA members**.
- Managed Backend user story delivery every 2 weeks.

Key Achievements :

- Designed bug reporting system across the entire team resulting in an overall decrease in bug cycle time from **7 days to 48 hours**.
- Created API production monitor tool, resulting in cost-cutting for other **paid tools by 95\$/month**.
- Contributed to prodmon. A tool that monitors a specific web page journey **24 x 7**.

Software Development Engineer In Test Intern

Bajaj Finserv Health Ltd. | October 2020 – June 2021

- Automated API security testing using OWASP ZAP, **reducing manual scanning efforts by 32%**
- Generated robust test cases, resulting in a 45% reduction in sprint-released issues.
- Implemented UI, mobile, and API automation, reducing overall **manual testing effort by 70%**.
- Implemented cross-browser testing, leading to an **18% increase in the user base**.