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

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Portfolio:
https://ryukz.github.io/ankitKumar/

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**.