RISHABH DEY
QUALITY ENGINEERING AND ASSURANCE

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SUMMARY

Experienced in automation QA, excels at improving business efficiency through cross-collaboration and teamwork.

EDUCATION

Bachelor Of Technology (ECE)
May 2020 | Percentage : 84.5%
SRM IST, Chennai

TECHNICAL SKILLS

- Programming Languages: Python
- Automation: Selenium with Python and Javascript
- Framework: py.test
- Monitoring: Synthetic monitoring using NewRelic
- Api Testing: Postman (Rest, SOAP, GraphQl)
- Database: MySQL
- CI/CD: Jenkins
- Github
- Frontend: HTML, CSS
- Project Management: Jira, Linear

JOB EXPERIENCE

Quality Assurance Engineer (Automation + Manual)
Tranzact, Mumbai
April 2022 - Present

- Automated website with **Selenium, Python, JavaScript**, boosting test coverage by **25%**, cutting regression testing time by 30%, and minimising production bugs for efficient QA.
- Conducted **API automation** testing with **Postman and Python requests**, enhancing backend reliability, improving software quality, and reducing manual work significantly.
- Implemented **synthetic monitors using New Relic** which ensured optimal website performance and proactively identify potential issues before they impact end-users.
- Ran a Smoke regression suite after every build and published detailed **reports** with the detected bugs, ensuring transparency across teams.
- Led and mentored the Full Automation suite for every Release, analysing the root causes **(RCA)** of failed scripts and implementing corrective actions.
- Integrated the complete automation framework with the CI tool **Jenkins**, enabling automated **scheduling** of test cases and significantly reducing manual dependencies.
- Maintained Selenium and Python automation code and resources in source control using **GitHub**, facilitating continuous improvements and the addition of new features.
- Actively contributed to **Agile** processes, participating in **Sprint** activities (Grooming, Demos), bug tracking, Scrum, and Retrospective meetings to improve Sprint Health and Agile processes.

Quality Assurance Engineer (Manual)
Cognizant, Chennai
January 2020 - April 2022

- Developed and documented **test plans** and specifications to ensure seamless integration into systems, providing clear guidelines for testing procedures.
- Implemented QA methodologies to ensure compliance with standards and customer requirements, guaranteeing software quality and meeting customer expectations.
- Conducted **Agile development process tests** to assess various features, verifying the functionality of Agile features.
- Observed all test features, checking for any inconsistencies in systems and resolving them.
- Managed both manual and automated testing to ensure comprehensive test coverage.
- Utilised **Jira for bug tracking**, issue management, and project oversight to efficiently track and resolve issues.
- Employed Spinnaker for batch job execution and monitored logs using Kubernetes to ensure effective job execution and log tracking.
- Leveraged **Postman and Rest Client** to retrieve and validate API responses.
- Utilized **MongoDB** for record management and editing for efficient data storage.
- Possess extensive experience across the Software Development Life Cycle and Software Testing Life Cycle, demonstrating a comprehensive understanding of the software development process.