

Ramkumar Kunapareddy

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Summary

- Experienced Software Tester with a strong background in **manual** and **automated** testing, including **Performance** Testing and **API** Testing. Skilled in test case design, defect tracking, regression testing, load testing and API Testing. Proficient in using tools like **Selenium**, **JMeter** and **Postman** to ensure software quality. Strong attention to detail and effective problem-solving abilities.

Work Experience

Aquastride Technology | Software Test Engineer | Hyderabad **May'23 - Present**

- Proficient in conducting both manual and automated testing using **Selenium** with **Java** for web applications.
- Developed comprehensive test plans and test cases to cover different scenarios for web and mobile applications.
- Managed the end-to-end testing process, including requirement analysis, test design, execution, and reporting (extent reports).
- Communicated effectively to report defects, provide testing status, and contribute to the overall improvement of software quality.
- WaterViseLite (user-focused web application) and WaterViseLite Admin (admin tool for user management), ensuring comprehensive coverage of test scenarios related to user interactions, functionality, and usability.
- Experience assessing testing process, creating, implementing testing strategies and SQA strategies using **Agile-testing** methodology.

Projects

WaterViseLite and WaterViseLite Admin | Aquastride

- Contributed to the testing of a smart web application designed to optimize irrigation water usage in agricultural fields, with a projected water-saving potential of up to 80%.
- Executed **manual testing** on meticulously crafted **test plans** and **test cases**, ensuring a **100%** bug-free status for both web applications.
- Implemented **automated testing** for repetitive tasks, leveraging the **Selenium** automation framework. Wrote **Core Java** automation scripts, resulting in an **80%** reduction in manual testing efforts.
- Conducted performance testing using **JMeter** and efficiently utilized **Postman** and **Browser Devtools** to analyze data loading times. Identified and addressed issues, leading to a remarkable **25%** overall improvement in web application performance.
- Leveraged **Postman** to review and validate the designed and documented **REST/HTTP APIs**, including **JSON** Data format.
- Developed **SQL queries** to fetch the data dynamically, and implemented customized **parameterization** in automation scripts using **Selenium WebDriver** to inject dynamic data into test scenarios.
- Implemented **CI/CD** pipelines using **Azure DevOps** to automate the build, testing, and deployment processes. Utilized **Git** for version control to manage code changes effectively.
- Applied **Agile** practices, enhancing collaboration and expediting testing cycles, leading to a **20%** improvement in project delivery timelines.

Skills

Programming Language: Core Java | SQL

Software: Eclipse | JMeter | MS-Office

Frameworks and Tools: TestNG | Data Driven | POM | Hybrid | Selenium WebDriver | Test Rail | Azure DevOps | Git

Technical Skills: Manual Testing | Automation Testing | Performance Testing | Defect Tracking | Bug Report

Soft Skills: Leadership | Communication | Quick learner | Problem Solver | Critical Thinker | Team worker

Education

D.N.R. College of PG Courses Institution and Technology, Bhimavaram **Jul'18 - Nov'20**

- M.Sc: Organic Chemistry | CGPA: **6.87**

D.N.R. Degree College Institution and Technology, Bhimavaram **Jun'15 - Apr'18**

- B.Sc: MPC | CGPA: **8.42**

Vidya Vikas Junior College, Akivedu **Jun'13 - Apr'15**

- MPC (Intermediate), Aggregate: **87.50%**

Z.P.P High school N.R.P. Agraharam **Jun'12 - Apr'13**

- SSC | CGPA: 9.2