

VENKATESH PRASHAR

(Performance Testing Engineer)

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PROFESSIONAL SUMMARY

- 9 years of experience in Software Testing, including 7+ years in Performance Testing.
- Expertise in **JMeter, LoadRunner, API Testing (Postman), Database Testing (PostgreSQL, MySQL), Manual Testing, Functional Testing, Regression Testing, Smoke & Sanity Testing.**
- Strong understanding of Performance Testing Lifecycle, STLC, SDLC, and Agile Methodologies.
- Skilled in designing and executing Load, Stress, Soak, Spike, and Scalability Testing.
- Experience with APM tools such as Grafana for real-time monitoring.
- Hands-on experience in CI/CD integration with Jenkins.
- Skilled in bug tracking **using Jira and Bugzilla.**
- Proficient in **developing test plans, strategies, test cases, execution, and result analysis.**
- Well-versed in Agile methodologies, sprint planning, retrospectives, and stakeholder engagement.
- Hands-on experience with Windows, Web, iOS, and Android applications testing

TECHNICAL SKILLS

- Testing Types: Performance Testing, Manual Testing, Functional Testing, Regression Testing
- Performance Testing: Load, Stress, Soak, Spike, Scalability Testing
- Tools: JMeter, LoadRunner, Postman, Selenium WebDriver, TestNG, Eclipse IDE
- APM & Monitoring: Grafana, Nagios, Perfmon
- Databases: PostgreSQL, MySQL (Query Optimization, Indexing, Performance Tuning)
- CI/CD & Cloud: Jenkins
- Operating Systems: Windows, Linux, Solaris, Android, iOS

WORK EXPERIENCE

QA Lead | LAVA International | June 2022 – Oct 2024

- Led the performance and manual testing strategy for My Lava Android App, Smartwatch App, and Lava Website.
- Performed Functional, Regression, and UI testing for mobile and web platforms.
- Optimized API performance and reduced response time by 30% using JMeter & Postman.

- Created and executed detailed manual test cases for new features and enhancements.
- Integrated Performance Testing with CI/CD pipelines for automated execution.

Senior Test Engineer | NIIT Limited | Nov 2020 - June 2022

- Conducted Performance and API testing for NIIT Digital using JMeter and SQL.
- Performed end-to-end manual testing, including test case design and execution.
- Improved database query performance by 40% through indexing and optimization.
- Executed functional and regression test cycles for e-learning platforms.
- Identified system bottlenecks and suggested optimizations to improve throughput.

Software Test Engineer | Million Sparks Foundation | Sep 2017-Oct 2020

- Performed API Load Testing for ChalkLit Android and iOS applications.
- Conducted detailed manual testing of mobile applications, including UI/UX validation.
- Ensured backend performance scalability for content-heavy platforms.
- Executed functional, regression, and smoke testing across multiple platforms.
- Implemented efficient test automation strategies for functional testing.

Software Test Engineer | Codeinks Software Pvt Ltd | Dec 2016 – June 2017

- Involved in developing and execution of performance test cases for Luxehues, Eon Mobile App.
- Performed functional, regression, and system testing for e-commerce and mobile applications.
- Involved in designing automated load testing frameworks for online marketplace portals.
- Created detailed bug reports and collaborated with developers to resolve defects.
- Performed cross-browser and cross-platform manual testing.

Software Engineer | Tech Narayana Software Pvt Ltd | Jan 2015 - Dec 2016

- Conducted manual testing for web-based applications, ensuring UI consistency and functionality.
- Tested and validated data integrity across multiple integrated applications.
- Wrote and executed test plans and test cases for software releases.

PROJECTS EXPERIENCE

My Lava Android App ,Empower & Lava Website ,Smartwatch (Lava International)

Technology: JMeter, Postman, Loadrunner, PostgreSQL, Jira

- Managed performance testing of mobile & web apps, handling 1M+ users.

NIIT Digital,Elevate (NIIT)

Technology: JMeter, SQL, Manual Testing

- Ensured smooth performance along with functionality for a large-scale online education platform.
- Ensured backend scalability for online course management.

ChalkLit Mobile App ,Training & Admin dashboard (Million Sparks Foundation)

Technology: JMeter, Postman, Manual Testing,Jira

- Performed full functional testing, Smoke testing, GUI testing, regression testing and performance for personalized learning experiences.

Luxehues E-Commerce Portal and Eon mobile App (Codeinks Software Pvt Ltd)

Technology: MySQL,Manual,Jira

- Writing and defining Test Scenarios and Test Cases, use cases & user story for e-commerce transactions and ensured checkout process functionality.
 - Performed the bug analysis, interacted with team members and take over the complete bug cycle till the closure of bugs.

Kabuto (Tech Narayana software Pvt Ltd)

Technology: Manual,Jira,Sql

- Conducted complete testing for component, ensuring seamless collaboration by validating conversation and document integration within spaces, tracking file changes, and verifying version control to prevent data loss.

KEY RESPONSIBILITIES

- Designed and executed performance and manual test strategies for web, mobile, and API platforms.
- Developed JMeter scripts to simulate real-world user loads and analyze performance trends.
- Performed functional, regression, and UI testing for mobile and web applications.
- Optimized database queries and API response times to enhance application efficiency.
- Integrated performance testing into CI/CD pipelines to ensure continuous monitoring.
- Created detailed test plans, test cases, and test execution reports.
- Conducted root cause analysis of performance bottlenecks and recommended solutions.
- Worked closely with development & DevOps teams to improve system scalability.
- Monitored key performance metrics during load testing, including CPU usage, memory utilization, response time, and throughput."

EDUCATION & CERTIFICATIONS

- BE (Electronics & Communication Engineering) | Reva Institute of Technology, VTU (2014)
- Certified JMeter Performance Tester
- Agile & Scrum Foundation Certification

PERSONAL INTERESTS

- Playing Cricket
- Traveling
- Exploring Food
- Listening to Music

PERSONAL DETAILS

- Location: Noida, India
- Languages: English, Hindi