

SANDEEP MATI

ODISHA, India

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Summary

Automation Test Engineer with **2+ years of experience** in designing, developing, and maintaining automated test frameworks using **Python, Selenium, and Pytest**. Hands-on experience in **web automation, API testing, database validation, and performance testing**. Proficient in collaborating with cross-functional teams, identifying defects early, and improving test coverage, execution efficiency, and overall software quality. Strong understanding of QA processes, test planning, and scalable automation solutions.

Skills

Automation: Selenium, Pytest
Language: Python, Shell Scripting, SQL
Technologies: Linux, Windows, GCP
API: Postman
Bug Management: Bugzilla, Testlink
AI Tools: Gen AI(HP), Gemini, ChatGPT

Experience

Cavisson Systems Inc.

April 2022 - February 2024

Software Engineer

Noida, Uttar Pradesh

- Designed, developed, and maintained **automated test scripts** using **Python, Selenium, and Pytest** for end-to-end web application testing.
- Automated **70 percent+ regression test cases**, reducing manual testing effort and improving release turnaround time.
- Optimized automation suites by implementing reusable utilities and **parallel execution**, reducing test execution time by approximately 30 percent.
- Performed **API testing** using Postman to validate request/response schemas, status codes, and business logic.
- Conducted **database validation** using SQL, writing complex joins and subqueries to verify backend data integrity across environments.
- Collaborated with developers and product teams to analyze logs, identify root causes, and resolve defects early in the SDLC.
- Managed defect lifecycle using **Bugzilla**, ensuring accurate defect reporting, prioritization, and timely closure.
- Used **TestLink** for test case management, execution tracking, and test coverage reporting to support release decisions.
- Actively participated in requirement reviews and design discussions, providing feedback to improve testability and quality.

PROJECT

NetStorm(Load Testing Tool)

- * Executed **load and performance testing** using NetStorm to simulate real-world traffic scenarios and peak-load conditions.
- * Analyzed **response time, throughput, error rates, and resource utilization** to evaluate system scalability and stability.
- * Designed load scenarios based on production usage patterns and stress conditions.
- * Identified performance bottlenecks and shared **data-driven reports with actionable optimization recommendations**, improving system reliability under peak traffic.

Education

Gandhi Institute For Technology

Bachelor of Technology(Computer Science Engineering)

2018 – 2022

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