

Desowja Palagani

Senior Test Engineer

📍 Karnataka, India | 📞 +91 9848519115 | ✉️ deepalagani1998@gmail.com

Professional Summary

Results-driven Senior Test Engineer with over **3 years of experience** in manual, automation, and performance testing for backend and cloud-based applications. Proficient in **LoadRunner Enterprise (LRE)** for performance testing, **ParaSoft SOA**, and automation tools like **Visual Studio** and **Splunk**. Skilled in functional testing, API validation, system migrations, and ensuring seamless product delivery. Recognized for optimizing workflows, resolving critical production issues, and collaborating with cross-functional teams to deliver high-quality solutions on time.

Core Competencies

- **Performance Testing:** LoadRunner Enterprise (LRE), Splunk Dashboards
 - **Manual Testing:** Functional, Regression, API, System Migration
 - **Automation Testing:** ParaSoft SOA, Visual Studio, BDD Spec Flow.
 - **Database Management:** MySQL, DB2, Toad
 - **Programming/Tools:** Java, C#, .NET, PowerShell, MVC Framework, X-Unit Framework.
 - **Test Case Design:** Test Plans, Execution, Defect Reporting
 - **Collaboration:** Agile Methodologies, Scrum Teams, Client Interaction
 - **Monitoring & Debugging:** Real-time error monitoring, Exception handling
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Professional Experience

Senior Test Engineer

Wipro Technologies (Client: Charles Schwab) | *March 2021 – Present*

Key Projects:

1. OES Automation:

- Automated trade flows for different asset types like Equity, Options, Fixed Income and different conditional/Advanced orders using C#, X-Unit framework and BDD spec flow. Automated around 600 test cases out of 1100 regression test cases which reduced testing time by 2 days.
- Automated the process of updating Zephyr test cycle by attaching the result document with appropriate status.

2. OIS Automation

- Proposed a design for OIS (Order Inquiry System) to compare OIS release response with prod response and report the differences, after implementation which increased the coverage by 100% and reduced regression testing cycle time by adding more QA confidence.
- Using ParaSoft SOA tool Automated 150 test cases for OIS which includes different functionalities like (Get account order, get order details, Search order etc.)

3. Record and Replay Tool:

- Proposed and Implemented the tool which takes the JSON requests from the production, masks the sensitive information and replays the same request in QA region compares the responses and generates the report containing differences.

4. Automation scripts:

- **Library Compare tool**- Created a console app using c#, to extract .DLL files from the given two input(servers) and compare the versions and generates the differences report with appropriate remarks.
- **Config Compare tool**- Created a console app using c#, to compare two xml files (config files) and generate the report with differences and appropriate remarks.
- **Event store Compare Tool**- Created a console app using c#, to compare the event store response for the given order ID's and report the differences.

5. Performance Testing:

- Upskilled with performance testing using LRE, executed different types of Load tests for different applications like OES, OIS, ESD to achieve good response times which helped in increased QA confidence. Identified performance related issues with the applications and reported the bugs for the same ensuring smooth application performance after deployment.

Education

Bachelor of Technology in Electronics and Communications Engineering

Jawaharlal Nehru Technological University, Kakinada | 2020 | **CGPA: 7.28/10**

Higher Secondary Education

Sri Chaitanya Boys Junior College | 2016 | **Percentage: 94.7%**

Secondary School Certificate

Vijaya Sri Sunflower High School | 2014 | **CGPA: 9.3/10**

Key Achievements

- **Creating Magic with Customer Award**: Recognized for outstanding performance in completing performance tests within timelines.
- **Client Appreciation Award**: For critical production release deliverables.
- **Victory League Award (3x)**: For exceptional performance and leadership in high-impact projects.
- **Habit Flag-Bearer Award (3x)**: For responsibility, communication excellence, and team contributions.
- **Inspiring Performance Award**: For outstanding contributions to the team's success.

Technical Skills

- **Performance Testing**: LoadRunner Enterprise, Splunk Monitoring
- **Manual Testing**: Regression Testing, API Validation, System Migrations
- **Automation Tools**: Parasoft SOA, Selenium, Visual Studio
- **Database**: MySQL, DB2, Toad
- **Programming Languages**: C#, .NET, PowerShell

Languages

- **English**: Fluent
- **Telugu**: Native
- **Hindi**: Proficient