

SANDEEP PRAJAPATI

Associate Consultant

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Summary

Performance Test Engineer with 2.8 years of experience in designing and automating performance testing processes. Proficient in LoadRunner and various testing methodologies, including Load, Endurance, Spike, and API testing. Experienced in Agile workflows and adept at utilizing tools like Git, Jenkins, DataDog, Linux, AWS, and Ansible to streamline performance testing and ensure system reliability.

Skills

Testing Tools: • LoadRunner • HP Performance Center • Jmeter

DevOps Tools & Practices: • Jenkins • Git&GitHub • Linux • CI/CD Pipelines • Ansible • Docker

Tracking Tools: • JIRA • ALM

Cloud Platforms: • AWS Services like • EC2 • S3 • EBS • IAM • ELB • VPC

Experience

Allstate India

Associate Consultant

08/2022 - Present

Key Responsibilities:

- Designed and executed performance testing strategies to streamline applications for Auto and Property insurance products.
- Collaborate with project teams to understand system requirements and design comprehensive performance test plans.
- Develop performance test scenarios based on application architecture and business requirements.
- Design realistic and scalable performance test scripts using industry-standard performance testing tools e.g., LoadRunner and enhancing the scripts with correlation, parameterization and checkpoints.
- Conducted Load, Volume, Stress and Endurance, Smoke Testing using LoadRunner and Jmeter.
- Leveraged Datadog (APM) for measuring server-side performance, monitoring user logs, Web resources, and transaction response time under load
- Automated tasks using Jenkins and built CI/CD pipelines to ensure smooth application updates and testing..
- Work closely with development, QA, and operations teams to communicate performance testing progress, findings, and recommendations.
- Delivered a 30% improvement in application response times through optimized performance testing.
- Successfully automated 90% of manual performance testing tasks using Jenkins pipelines.
- Collaborate with architects and developers to optimize application code for better performance.
- Created and maintained Jenkins pipelines to automate performance test execution and reporting.

Projects

FoCus, AssistPlus, Quick Quote, BCPC,

Streamlined applications to facilitate seamless quote and policy creation for Auto and Property insurance.

- Understand of Architecture of application and prepare test strategy and test plan.
- Prepare UI/ API Scripts using VuGen and enhancing the scripts like correlation, parameterization and checkpoints.
- Automated performance tasks using CI/CD pipelines and Jenkins.
- Prepared detailed performance Test Analysis Report with graphs and the application bottlenecks from the script's execution.
- Enhanced test scripts for new releases to ensure system reliability.

MyAllstate

This application allows users to submit both auto and property claims, as well as manage billing efficiently.

- Responsibilities included gathering requirements, scripting, designing performance test scenarios, workload modeling (WLM), test execution, and preparing detailed reports with in-depth analysis to identify performance bottlenecks and optimize application efficiency.

Education

Institute of Engineering and Science, IPS Academy, Indore, India
B.Tech in Computer Science and Information Technology

06/2018 - 06/2022

Certification

DevOps Certification – Edureka

AWS Cloud Foundations

Languages

English Proficient ●●●●●

Hindi Proficient ●●●●●