

Karthik Kumar B

Performance Test Engineer

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Professional Summary

- 8.6 years of experience in performance testing using Load runner and JMeter. Load runner performance tool Expertise in working with Web (HTTP/HTML), Citrix, web services and Ajax True Client Protocols.
- Well acquainted with all phases of Performance testing life cycle.
- Expertise in the preparation of Performance Test Plan.
- Expertise with Parameterization and Correlation.
- Debug the script with Load runner specific functions.
- Exhaustive hands-on experience on Test Execution and Analysis based on Business Requirements and Functional Specification.
- Good experience in executing various performance scenarios using Controller and Performance Center.
- Involved in performing Load, Stress and Endurance testing for various Banking Applications.
- Good Experience on monitoring tools using AppDynamics.
- Good experience in adding the Counters and analyzing the Result and monitor the Servers at System level.
- Generate the Performance Test Report which includes Client side and Server side Metrics.
- Drill down the Performance Test Execution Results.
- Generate the Performance Report based on the client Requirement

Skill Set Summary

Load Testing Tool	Load Runner 8.1 to 12.53, HP ALM 11.5 & 12.5, Soap-UI, Jmeter
Performance Monitoring Tool	AppDynamics, Appinsight, perfmon
Client Side Tools	Fiddler

Professional Experience

- **2.7 years** (Jan 2022–Till Date) **Cognizant**, as Associate.
- **5.9 years** (Feb 2016-Jan 2022) **Capgemini India Pvt. Ltd** as Associate

Personal Details

Gender : Male
Nationality : INDIAN
DOB : 29/03/1994

Education

Bachelor of Engineering degree in
EEE : 2015 Siddharth Institute of
Engg & College

Key Projects

Client : Standard Chartered Bank

Project : OMF IN

Description:

OIPA is implemented as the Policy and Transaction recording system and commission calculation and reconciliation system for the Bancassurance business in Standard Chartered Bank. The goal for this PT is to get the performance benchmark and simulate projected load based on response time in OIPA only. All User Interface based requests to be services within 5 seconds and will be able to handle 50 concurrent requests per country Session Time-Out in OIPA will be set according to the SCB IT standards. The initial session time out value will be set to 600 seconds (10 mins). This value is configurable and can be changed according to the business needs.

Roles and Responsibilities:

- Identified business specific test conditions based on the test requirements.
- Involved in gathering performance requirement, understand the application and development of test plan.
- Preparing the business flow documents for the identified business transactions.
- Build the scripts using Load Runner tool.
- Parameterize and correlate the test scripts for dynamic parameters and session handling.
- Designing and executing the scenarios as per schedule.
- Performed Load Test with 500 users.
- Used Load Runner monitors to measure the Transaction Response time, Network delay, Throughput, measured CPU and memory for Windows.
- Analyze the reports and shared the observations to application team.
- Participate in regular update meetings on the project status with all stakeholders.

Client : Standard Chartered Bank

Duration: 3 Years

Role : Performance Test Analyst

Tools : Load Runner(Micro Focus), Fiddler, Postman, SOAP-UI

Client : Standard Chartered Bank

Project : EQ Connect

Description:

The objective of this project is to implement a new platform for SCB to electronically connect (FIX Message) with multiple rate issuers in the market for price discovery and enable trading of Equity Structured Product.

Roles and Responsibilities:

- Identified business specific test conditions based on the test requirements.
- Involved in gathering performance requirement, understand the application and development of test plan.
- Preparing the business flow documents for the identified business transactions.
- Build the scripts using Load Runner tool.
- Parameterize and correlate the test scripts for dynamic parameters and session handling.
- Designing and executing the scenarios as per schedule.
- Used Load Runner monitors to measure the Transaction Response time, Network delay, Throughput, measured CPU and memory for Windows.
- Analyze the reports and shared the observations to application team.
- Participate in regular update meetings on the project status with all stakeholders.

Client : Standard
Chartered Bank

Duration: 2 Years

Role : Performance
Test Engineer

Tools : Load Runner (Micro
Focus), Fiddler,
Postman, SOAP-UI

Client : CHUBB

Project : MILES

Description:

MILES is a new system that supports loan, collateral management and reporting of LAS (Lending Against Securities) for ALM. The complete life cycle of loan, from eligibility, disbursements, interest servicing to closure is handled in the loan management module while the collateral management helps ensuring handle inflow and outflow of collaterals, daily valuation of collaterals, make margin calls in case collateral value is insufficient to cover exposure. Appropriate reports for Sales, Risk, Loan and Collateral management should be available. Performance goals are to provide fast response time, support for concurrent logins without impacting system response time.

Roles and Responsibilities:

- Identified business specific test conditions based on the test requirements.
- Involved in gathering performance requirement, understand the application and development of test plan.
- Close interaction with Development team to understand application functionality and navigational flow.
- Designed performance test suites by creating VU test scripts using VuGen component in the load runner, workload scenarios, setting transactions.
- Performed Load test.
- Used Load Runner monitors to measure the Transaction Response time, Network delay, Throughput.
- Participated in project review meetings & discussions.

Client : Standard
Chartered Bank

Duration: 2 Years

Role : Performance
Test Engineer

Tools : Load Runner (Micro
Focus), Fiddler,
Postman, SOAP-UI
