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| Deepak BhaskarCurrent Role: Test Manager – Performance TestingCurrent Organization: Cognizant |
| Mobile: +91 9850443933Email: dpakbhaskar@gmail.com |

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| **Skill / Experience Summary** | * 11+ years of IT experience in Performance Engineering, PERL Scripting and Production Support.
* Extensive experience in Performance Engineering, Performance Testing and Performance Tuning.
* Experience in benchmarking large scale deployments, ScalabilityTesting in Multi-tier architecture.
* Areas of expertise include Apache Jmeter, HP Loadrunner & PERL scripting. Having hands on Neoload, Blazemeter & Stormrunner.
* Good Knowledge of Performance Testing Life Cycle, creation of Test Plan and Test Cases.
* Collaborate with business analysts, product owners, developers and Support teams to understand and validate configuration settings to ensure optimal product performance, scalability and availability.
* Experience in setting up the test environment from the ground-up, configuring, monitoring and tuning on Linux, Windows & Cloud platforms.
* Experience in monitoring JAVA based application using APM tools(Dynatrace). Experience in monitoring/tuning JVM Heap & GC.
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| **Technology/Languages** | Perl/Shell, Performance Engineering, Performance Testing and Performance Tuning |
| **Software tools** | Microfocus Loadrunner, Stormrunner, Apache Jmeter, Blazemeter, Neoload & Dynatrace APM |
| **Operating System** | Linux/Solaris/Windows Server/Microsoft Azure |
| **Business Development** | IT Consulting and Outsourced Product Development |

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| **Performance Engineering – Cognizant** | **Duration:** July 2018 – Current |
| **Customer name: City National Bank****Domain: Banking & Finance** |
| **Experience:** Performance team is responsible for benchmarking the Performance of all colleague facing applications. The tool of choice is Stormrunner. The biggest challenge is understanding the domain and how the various application interact with each other and other external vendors.Since we recently moved to Agile delivery for few applications, had the opportunity to understand the feasibility of integrating TFS with Stormrunner and Loadrunner for CI/CD.Being part of the Performance practise, I am responsible for training small batches of new trainees who have joined the Performance team. I am also part of the interview panel for new recruits. |
| **Role Description:**I have been working as a team lead with the following roles and responsibilities in a team of 3:* Requirements gathering, Create test plan, Understanding the Application Architecture and workflows, Defining Performance goals & help team members with scripting in Loadrunner.
* Setting up the monitoring tools on test environment. Capturing the usage of system resources, identifying bottleneck, analyzing the results and creating test report.
* Scrutinizing the call-flow of the SUT. Identifying bottle-neck and work closely with Dev team in fixing Performance issues.
* Identify areas where the Performance testing process can be improved and apply Performance engineering best practices.
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| **Performance Engineering – Mindtree** | **Duration:** Jan 2015 – June 2018 |
| **Customer name: Inmarsat, Navigators, Sennheiser, D+H & NFUM****Domain: Telecommunication, Banking & Finance & Insurance** |
| **Experience:** Inmarsat was Telecommunication domain, this was a simple project and the job was to baseline the Performance of the application which allows end users to manage their account and share the results.Navigators & NFUM were insurance domain projects helped me understand the nuances of the domain. Navigators team was rolling out a new application that lets creation of quote and policy issuance, customer wanted to make sure that the application Performance meets the industry standards and is ready to rolled stable, responsive and scalable application.NFUM – I was Performance test manager in Mindtree UK. I was responsible for Performance of the entire NFUM application catalog. Was responsible for Performance of enterprise grade implementation of Guidewire Claim Center which also involved migration of data from old system. The challenge was to understand the existing system, insurance domain (claims) and the current approach for Guidewire implementation. Other roles and responsibilities included the Performance of other applications for every quarterly/monthly releases, identify the bottlenecks and help the dev team identify bottleneck and improve the Performance.Experience with Sennheiser was unique since the it was a new application being built from the ground up and the choice of platform was Microsoft Azure. This gave us an opportunity to work closely with the developers and tune the application Performance optimally. We choose the bottom-up approach and tuned the database first and this was done with the help of SQL Profiler and SQL Server DMV's and we used Dynatrace to identify bottleneck and tune the application for optimum performance. This being an all new offering from the customer and customer being new to PaaS, carried out a sample benchmark &Scalability to showcase the capacity of different Azure database tiers. Slow running queries were identified using SQL Server DMV’s, Analyzed, Modified and Tuned for optimal performance and response time.Being part of the Performance practise, we are also responsible for assessing various tools including Neoload, CA APM etc. We are responsible for troubleshooting performance issues, I was involved in one which involved Blazemeter; we were not able to scale higher load with Blazemeter because of the Jmeter script’s complexity. |
| **Role Description:**I have been working as a team lead with the following roles and responsibilities in a team of 3:* As an onshore lead interact with various business team and gather requirements, create test plan, understand the application architecture and workflows & define Performance goals.
* Attend release meetings, appraise the stake holder of Performance issues and sign-off the release on behalf of the Performance team.
* Manage the offshore Performance team & help team members with scripting (Apache Jmeter/Loadrunner/Blazemeter).
* Setting up the monitoring tools on test environment. Capturing the usage of system resources, identifying bottleneck, analyzing the results and creating test report.
* Scrutinizing the call-flow of the SUT. Identifying bottle-neck and work closely with Dev team in fixing Performance issues.
* Identify areas where the Performance testing process can be improved and apply Performance engineering best practices.
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| Performance Engineering – US Offshore – Persistent Systems Ltd. | **Duration:** Sept 2010 – Dec 2014 |
| **Customer name: Openwave Messaging, Intuit, Digital Insight & CoxReps****Domain: Telecommunication, Banking & Finance & Insurance** |
| **Experience:** We as a Performance Engineering team offer benchmarking the performance of the product. Reporting the performance numbers, any improvement/degradation in performance over the previous releases. Tuning the end-2-end system for better performance. Testing the horizontal/vertical scalability of the product. Recommend changes in system call-flow to reduce overall response times.Performance team had the privilege of setting up the Performance env from ground up, which included configuring OS setting as the tier requirement, installing and configuring the application. Populating enough data in the application required for Performance scenario.Have hands-on experience working on Perl script and had the opportunity to create PERL script for data generation needs, log parsing and stubs.Work with various team to understand the architecture, application workflow and design Performance workload accordingly. |
| **Role Description:**I have been working as a team lead with the following roles and responsibilities in a team of 3:* Requirements gathering, Create test plan, Understanding the Application Architecture and workflows, Defining Performance goals & help team members with scripting (Apache Jmeter/Loadrunner/Blazemeter).
* Setting up the monitoring tools on test environment.
* Capturing the usage of system resources, identifying bottleneck, analyzing the results and creating test report.
* Scrutinizing the call-flow of the SUT. Suggesting possible bottle-neck suspected from the current call-flow.
* Understand the customer’s requirement, business needs, and targeted customers and accordingly set the Performance goals and define a realistic workload for the benchmark.
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| Tata Consultancy Services | **Duration:** July 2007 – Dec 2010 |
| **Customer name: Openwave Messaging, Intuit, Digital Insight & CoxReps****Domain: Telecommunication, Banking & Finance & Insurance** |
| **Experience:** IT Infrastructure plays a very important role in business of Morgan Stanley. EDG L2 Team's responsibility is support the IT infrastructure. Performing the RFB (Ready For Business) check, before the start of business. Continuous monitoring the infrastructure, fix any problems or report it to the next level. EDG L2 team will involve the required team to fix any problems with the infrastructure, so that there would not be any impact to the business. Keep track of the problems which had impacted the business and have a permanent fix for those to avoid re-occurrence of those problemsWork with various team to understand the architecture, application workflow and design Performance workload accordingly.Morgan Stanley as a financial institution needs to maintain all its official email communication with the client for a period of 7 years as per the US laws. Maintaining those mails internally is not a cost-effective process. This activity of storing the mails and retrieving them whenever required was outsourced to a third party. The emails stored were in MIME format, three parts - Header, Body and the Attachments. Our responsibilities here were to design, build, test and deploy a system, which will put together all those parts of email; check if the email complies to the MIME format; package a set of mails based on their date and FTP the package to the third party Zantaz. Including the above said functionality, we would reconcile the sent package by getting a sanity report from Zantaz. If reconciliation has some errors, resend the whole package or few email from the package depending upon the number of failures. |
| **Role Description:**I have been working as a team lead with the following roles and responsibilities in a team of 3:* Monitoring the IT infrastructure of Morgan Stanley. Problem found to be investigate and fixed by an EDG L2 team member, if not involve the required team and fix the problem.
* Interact with external vendors where Morgan Stanley is dependent on their services.
* Analyzing the risks and improvement areas, reducing the noise of know problems, investigating and getting a permanent fix.
* Analyzing the areas which involve lots of manual work, developing script which can automate those tasks. Which will in-turn reduce the time taken to fix the problems. Till now have created around 6 scripts, which has reduced the manual work, improved the precision of the work and reduced the time taken for those tasks.
* Interacting with the Development team to analyze the areas of improvement, so as to provide better service to Morgan Stanley.
* Creating high level, low level design and flowcharts for components as per the client requirement.
* Developing Perl modules for the system as per the design document.
* Designing test cases, testing the components and analyzing the defects with the developer and getting the defect fixed.
* Analyzing the risks and improvement areas through FMEA (Fault Mode Effect Analysis).
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**Employment Summary**

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| Dates | Organization & Role | Designation Title |
| July 2007 – August 2010 | TATA Consultancy Services  | Assistant System Engineer (PERL Programmer & Production Support Engineer) |
| September 2010 – December 2014 | Persistent Systems Ltd.  | Team Lead (Performance Testing) |
| January 2015 – June 2018 | Mindtree Ltd. | Test Lead (Performance Testing) |
| July 2018 – Till date | Cognizant | Test Manager (Performance Testing) |

Accolades

* On-the-spot award on the month of July 2008 for automating the generation of a metrics report on the number of issues received, resolved and escalated by the team - TCS
* Star team award, in Level 2 Infrastructure Production Support team – TCS.
* Best team award, while I was in Email Archive Migration team – TCS.
* You-Made-A-Difference award in Performance Testing team – Persistent.
* Star Performer Award in Performance Testing team – Persistent.
* A-Team award for my team (team of 2; myself and a junior engineer) – Mindtree
* Hats Off award for my contribution as a Performance Engineer – Mindtree

Certifications

* NCFM Basic Module
* NCFM Securities Module
* International Software Testing Qualification Board – Fundamental
* RHCE – Redhat Certified Engineer

 

**Education Summary**

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| Degree and Date | Institute | Major and Specialization |
| B.Sc (2004-2007) | Guru Nanak College, University of Madras |  Computer Science |

**Personal Details**

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| Date of Birth | 07/02/1987 |
| Gender | Male |
| Marital Status | Married |
| Nationality | Indian |
| Languages | English, Tamil, Hindi, Konkani and Kannada |

**Passport Details**

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| Name as on passport | Date of Issue | Date of Expiry |
| Deepak Bhaskar | 28/12/2016 | 27/12/2026 |