**Name: Girish Kumar**

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**Experience Summary**

* 12+ years of experience in Performance Testing, Monitoring and engineering of software products and solutions
* Managed a team size of 30 member both onshore and offshore
* Problem solving, Performance modeling, Statistical analysis, Productivity, Effectiveness and Operational efficiency, Excellent Team management, Process Oriented

**Professional Summary**

* Strategize and propose proactive performance monitoring and identify root cause of performance bottlenecks
* Self-motivated and ambitious to fulfill a full cycle APM Practice bring tool agnostic
* Benchmarking application performance and supported capacity planning and optimization activities
* Strategized and Implemented Performance Engineering solutions for telecom applications
* Specialized to Setup Performance Engineering, Performance CoE, Monitoring solutions, performance testing solutions and framework for complex/highly integrated organizations.
* support operations staff by providing critical application performance, availability and capacity data
* Involved sales activities like capabilities with respect to Application Performance Management
* Hands on experience with **Application Performance Managemen**t of **Java, Dot net, Siebel, PeopleSoft, Salesforce, TIBCO, mainframes** applications.
* Review current applications infrastructure and identify key performance indicators leading to the establishment of acceptable performance baselines for Banking, Health care, ERP, Telecom and eComm applications.
* Manage and Lead performance testing initiatives, conducting PoC and ensured successful delivery across all portfolios
* Expertise in **Performance** **Engineering** functionalities like monitoring, profiling & tuning & **testing (Cloud and On-premise**
* Proficient in all phases of PTLC (like gathering NFR, Define Strategy, Plan Design, Test Data setup, Scripting, execution, analyze and report)
* Proficient in using **APM tools** like **Introscope, Dynatrace** (UEM, Appmon, DCRUM), **App Dynamics** and testing tools **-** Hp Performance Center, Hp Load runner, JMeter, SOAP UI, Neoload, Blaze meter, IBM Rational Performance Tester and Service virtualization tools like CA LISA
* Hands on experience on DB Analysis using **Oracle AWR**, Sitescope, Browser Profiling tools **HTTPWatch, developer tools,** network leveltools like **Fiddler and Wireshark**
* Supported to improve application performance at OS level (Linux, Solaris and windows), Apache **Tomcat, Webshpere, DB (Oracle and SQL), Mainframes, MQ**, **Worklight** servers, Siebel applications etc.,
* Certified Agile SAFe specialist
* Good Knowledge and will be capable to get hands on with tools like TIBCO BW, AppDynamics, LOAD UI, New Relic
* Hands on experience in **working** in **Agile** **environments** and Implementing **DevOps**-CI Performance testing using Jenkins & Load runner
* Played key role in improving the process & provided recommendations to standardize the process
* Planned the schedule based on release schedule
* Hands on experience in using **defect** management and **Project management** tools like **HPQC/HPALM, JIRA and Confluence.**
* **Experience in managing larger team & project management** responsibilities like budgeting, timeline, resourcing, resource allocations, onshore/offshore coordination, training and mentoring team members, project planning, **time sensitivity**, changing work demands, policies, practices, effort **estimations**, documenting **risks**, **mitigations**, **Firewall rules** & making reasoned decisions after assessing customers circumstances
* **Created proposals** for performance testing & engineering area based on the nature of the application/project
* Proficient in performance test assessments across portfolio to identify performance testing needs & ensure right Non-functional requirements are documented.
* Benchmarking of Large systems & **Test environment co-ordination**
* Good Understanding of Software Development Life Cycle (SDLC) and Performance testing Life Cycle (PTLC)
* Expertise in executing Performance Tests for various types of **Java/J2EE, Dot Net, Web services, Mobile (JSON) & Client server applications**
* Good working experience in domains like Banking, Health care, Manufacturing (ERP) and Airlines domains.
* Expertise in management activities like (resource allocation, managing work hours, contracts, creating PRD’s, taking care of all pre-requisites required to perform job, billing, revenue etc.,)

**Technical Skills**

**Operating Systems:** Linux, Solaris and Windows

**RDBMS :** Oracle 10g, 12c, MS SQL, Terra data (exposure)

**Testing Tool:** HP Load Runner 9.5, 10.5, 11.0 & 12.0, Jmeter 2.x, Hp Performance center, Hp Storm runner, IBM RPT 8.2.0.2, Neo load, SOASTA, VSTS, Blaze meter

**Service Virtualization :** CA Lisa

**LR Protocol :** WEB (HTTP\HTML), Ajax True Client, Web services, Mobile Web, Mobile True Client, Citrix, Mobile web

**Monitoring Tools :** CA Wily Introscope 9.0, 9.1.7, 9.5, 9.7.1; Hp Diagnostics; HP BAC 8.02, Dynatrace APPMON & UEM, Dyantrace DCRUM & Mainframe internal monitoring tool; VMSTAT, IOSTAT, SAR commands; Perfmon, Dynatrace UEM, APPMON, DC RUM

**Others :** WAN Emulator, J Profile, ANT Profiler, IBM Heap Analyzer, Verboz GC, C, C++, Java Script, Python

**Certifications**

* Certified in Agile SAFe specialist
* Certified HP Performance Tester
* Certified IBM Rational Performance Tester
* Certified in PRINCE 2 [Foundation]
* Certified Professional in TOGAFF Architecture [part 2]
* Certified in ITIL Foundation

**Qualifications**

|  |  |  |
| --- | --- | --- |
| **Degree and Date** | **Institute** | **Major & Specialization** |
| Bachelor of Engineering (May 2006) | ICFAI TECH, Hyderabad [ICFAI University] | Electronics and Communications Engineering |

**Career Profile:**

**Project/ Location –** Accenture [Multiple Clients]**/ Kanata, Canada** **Sep 2017 to till date**

**Role [Designation] –** Test Engineer Associate Manager [Performance Engineering Consultant]

**Responsibilities –**

* Implement performance test strategy's for adopting Early Performance Testing / Engineering
* Conducted GAP analysis and propose NFR and Non-functional testing
* Reviewed current applications infrastructure and identify key performance indicators leading to the establishment of acceptable performance baselines
* Supported operations staff by providing critical application performance, availability and capacity data
* Prime responsible for application performance in production and identify the root cause of performance issues
* Analyzed and optimized performance bottlenecks in our application stack
* Defined approach to resolve production performance issues
* Trained team on Dynatrace DC RUM and UEM
* Created dashboards, reports, Proposed measures and BT to be created in UEM for better performance monitoring (better leverage of tools)
* Identified GAPs in current monitoring setup and Proposed E2E monitoring solution Application Performance Management
* Provided Support for performance testing team
* Review and sign off on Performance Test Strategy and Test Plan
* Work closely with Development, Project managers, Operations and Infrastructure team to resolve performance issues
* Conducted System Functional Testing for performance tuned transactions or business process
* Responsible/Single point of contact for production performance monitoring and engineering activities
* Conducted workload analysis, supported in developing and execution performance tests
* Co-ordinated meetings to ensure smooth delivery and initiate escalation at right time

**Project/ Location –** Accenture [OMERS]**/ Toronto, Canada** **Mar 2017 to August 2017**

**Role [Designation] –** Test Engineer Associate Manager [Performance Engineering Consultant]

**Responsibilities –**

* Identified and document right non-functional requirements representing clear exit criteria
* Proposed monitoring solution for performance and production environments
* Defined performance test strategy
* Completed PoC and proposed right performance testing tool based on cost and technology stack
* Implement performance test strategy's for adopting Early Performance Testing / Engineering
* Conducted GAP analysis and propose NFR and Non-functional testing
* Reviewed current applications infrastructure and identify key performance indicators leading to the establishment of acceptable performance baselines
* Responsible/Single point of contact for all performance testing and engineering activities
* Conducted workload analysis, supported in developing and execution performance tests
* Co-ordinated meetings to ensure smooth delivery and initiate escalation at right time
* Design of performance test plan
* Created performance test scripts
* Acted as technical specialist and supported performance testing team

**Project/ Location –** QA Consultants **/ Toronto, Canada** **Aug 2016 to Mar 2017**

**Role [Designation] –** Sr Technical Consultant [Performance Consultant]

**Responsibilities –**

* Performed activities like – gathering Non-functional requirements, plan design, scripting, execution, analysis and running performance test reports
* Provide solutions for technical challenges
* Manage performance testing and engineering activities for the projects in the digital space
* Created dashboards, reports, Proposed measures and BT to be created in UEM for better performance monitoring (better leverage of tools)
* Provided support in db activities like DB restore, Clear DB space, DB Backup and few more.
* Co-ordinate and ensure the delivery of the PAT testing
* Identify potential performance bottlenecks in production using dynatrace
* Interacted with BA and PM to correct/document and get approval for performance test requirements
* Involved in effort estimation; Proposals; Pre-sales presentations
* Conducted GAP Analysis for the retail client

**Project / Location –** Canada & US Projects [Bank of Montreal] **/ Toronto, Canada** **Jan 2012 to Aug 2016**

**Role [Designation] –** Performance Test Consultant [Assistant Consultant]

**Responsibilities –**

* Managed performance testing projects across portfolios and ensure delivery (in waterfall and **agile** environments)
* Ensure performance test requirements is documented with appropriate approvals
* Configured banking applications for the proactive performance monitoring and alerting.
* Worked closely with the Production monitoring team to create the graphs that are critical for performance monitoring and analysis
* Generate reports for performance testing and Monthly production reports to present for stakeholders
* Supported the performance tuning activities and ensure the performance bottlenecks are addressed before moving to production
* Involved in effort estimation; Billing; Revenue; Resource allocation for team between different projects
* Script developments using **protocols like Web HTTP/HTML, Mobile Web, True Client, Web services, REST Services** and **Custom script** development in Load runner tool
* Review requirements and ensure performance targets are defined or articulated effectively
* Acted as the performance test liaison between the project and the ITS performance testing team as required
* Design, create and deploy the performance testing requirements for the management. Work closely with project teams and testing teams to ensure efficiency of the process
* Analyze production statistics and design workload model to simulate production behavior
* Reviewed performance test scripts created by performance test analysts and resolve technical challenges. Ensure effective onshore offshore coordination
* Create project plan with milestones and align with release schedule
* Engage and coordination with different external teams for setting up the performance testing environments
* Conduct feasibility study and proof of concepts for applications, performance testing tools and setups
* Planning and implementation of Load/Stress/Scalability/Endurance/Failover testing

**Project / Location-** WEBCIS [Qantas Airlines] **/ Chennai, INDIA** **Aug 2011 – Jan 2012**

**Role [Designation] -** Performance Test Lead [IT Analyst]

**Responsibilities –**

* Transaction profiling using the **Scrutinet** across all servers
* Identifying the method level breakdown time within Application Server using Jensor and CA Wily introscope
* Application performance management using CA Wily Introscope and provide tuning recommendations
* Conduct Workload analysis and ensure the right NFR and right modeling is designed for performance testing
* Hands on in requirements gathering, design, scripting, execution and reporting
* Develop performance test scripts using **IBM Rational Performance Tester**
* Review initiation and Logging, tracking and closing the defects using Integrated Project Management System (**IPMS**).
* Statistical analysis on performance test results captured during the tests conducted

**Project / Location -** CORP [Qantas Airlines] **/ Sydney, Australia**  **Jun 2011 – Aug 2011**

**Role [Designation] -** Performance Test Lead [IT Analyst]

**Responsibilities –**

* Looking out of all management related activities (like billing, Intake, Business proposals, Resource allocation, Effort estimation etc.,) with respect to pipelined projects
* Allocating the associate to right project & Creating proposals for new projects or assignments
* Application performance management using CA Wily Introscope and provide tuning recommendations
* Conducted deep dive analysis on various performance testing issue using tools like, Introscope, AWR Reports, SQL Trace, Execution Plans, Verbose GC to improve application performance
* Workload analysis using production metrics captured from omniture
* Performance testing using CDN like Akamai

**Project / Location –** Qantas.com [Qantas Airlines]**/ Chennai, INDIA**  **Apr 2010 – Jul 2011**

**Role [Designation] -** Performance Test Lead [IT Analyst]

**Responsibilities –**

* Designed the Performance Testing Strategy, Plan, Framework and roadmap in TCOE
* Provided expertise, recommendations, guidance and direction on the performance testing needs to projects based on the Performance Test Strategy
* Conducted feasibility study and proof of concepts for applications, performance testing tools and setups
* Lead performance test activities from inception to completion
* Responsible for gather non-functional requirements, Script creation/review scripts, execution, running performance reports)
* Acted as the performance test liaison between the project and the ITS performance testing team as required
* Involved activities like, Effort estimation, Resource allocation, Test environment coordination, Track/monitor issue and report to operations managed
* Worked with different teams/projects to understand/analyze the current process and improved the performance testing process
* Design, create and deploy the performance testing requirements for the management. Work closely with project teams and testing teams to ensure efficiency of the process
* Engage and coordinate with different external teams for setting up the performance testing environments
* Evaluate and identify test data sources and the required data security and masking needs
* Plan the schedule based on the release schedule

**Project / Location-** Health care management system**/ Chennai, INDIA** **Oct 2008 – Mar 2010**

**Role [Designation] -** Performance & Functional Tester [Software Test Engineer]

**Responsibilities –**

* Design the test cases / test scenarios by understand the business requirements and functionality of the application
* Played key role in all phases of PTLC/STLC (Requirements gathering, Design, scripting, data, execution and reporting)
* Conduct preliminary analysis of test results and share with development team
* Evaluate and identify needs for Performance Testing and provide testing estimations
* Setup of performance test environment
* Conduct performance test execution, analyze results and provided tuning recommendation for better performance

**Project/Location -** ERP application [Balaji Steels Ltd]**/ Chennai, INDIA** **Mar 2007 – Sep 2008**

**Role [Designation] -** Performance & Functional Tester-Manual [Software Test Engineer]

**Responsibilities –**

* Design the test cases / test scenarios by understand the business requirements and functionality of the application
* Played key role in all phases of PTLC/STLC (Requirements gathering, Design, scripting, data, execution and reporting)
* Conduct preliminary analysis of test results and share with development team
* Trained and resolved issues encountered by fellow team members

**Project/Location -** Sneha TV **/ Hyderabad, INDIA** **Jun 2006 – Mar 2007**

**Role [Designation] -** Performance & Functional Tester-Manual [Software Test Engineer]

**Responsibilities –**

* Created Test plan, test case, executed test cases, reported issues to developers and ensure successful delivery of the project/product.
* Develop and Implement strategy and framework for the setup of performance test environments and tools in TCOE
* Engage and coordinate with different external teams for setting up the performance testing environments

**Trainings**

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| --- | --- | --- |
| **Program/Course** | **Coverage** | **Date** |
| Data Virtualization | Understanding concept of Data virtualization. | Sep 2015 |
| L1 & L2 – Performance Tuning | Undergone TCS-TPMP Internal trainings on workload analysis, J2EE Performance Tuning, Oracle Performance Tuning | Sep 2010 to Mar 2011 |
| Microsoft Cloud | Microsoft Cloud – Window Azure training | Sep 2011 |
| TOGAFF | TOGAFF Training is completed – Part 2 | Dec 2014 |