**Prakash Ranjan**  **prakashranjan390@gmail.com**

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**Objective:**

To work for an organization which will help in value addition and serve as a spring board for me to move ahead in my career by providing interesting career opportunities and harnessing the best of my caliber.

**Work Experience and Professional Summary:**

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| **Role** | **Organization** |
| **Associate Consultant** | Capgemini India Pvt. Ltd (May 2014 to Oct 2017) |
| **Consultant** | PricewaterhouseCoopers India (Nov 2017 to present) |

* **4.7** years of overall IT experience in **Performance Testing** **and** **Engineering**
* **6** months of experience in **Docker and Kubernetes**
* **6** months of experience in **Google Analytics**

**Software Experience and Strengths:**

* Involved in End-to-End Performance Testing using automation tools across domains
* Knowledge of Software Development Life Cycle and Agile implementation process
* Expertise on Performance Testing tool- **LoadRunner**
* Experience in creating LoadRunner Scripts on different protocols- **HTTP/HTML, Web Services, Ajax Truclient, Flex**
* Knowledge on Performance Testing tool- **JMeter**
* Experience in doing performance testing on **UNIX** environments
* Knowledge on Performance related **UNIX commands** and sound knowledge in Shell Scripting
* Involved in **Performance Monitoring** and Analyzing of Test Results and having good experience in Monitoring tools like **HP Sitescope, Appdynamics**
* Expertise in creating **scenarios/load models** and executing tests using **HP Controller and Performance Center**
* Knowledge on Test Management Tool **HP Quality Centre, JIRA**
* Experience in creating **Java Message Service(JMS)** scripts and sending the message through queues and validating those in the Database
* Performed various testing like **Load/Soak/Stress/Volume**
* Experience in handling **API calls** using the **POSTMAN tool, SOAP UI(WS)**
* Experience in analyzing various performance bottlenecks like **Database (Pooling/Indexing), Memory Leaks, Thread Dumps, Garbage collections** etc.
* Knowledge on **Performance Test Planning**
* Experience in doing a **POC on Network Virtualization** in Performance center
* Experience in **creating, deploying and maintaining docker files**
* Experience in **installing Kubernetes, set-up Kubernetes cluster** along worker nodes and **install Jenkins** on top of it.
* Experience in **implementation and set up of Google Analytics(Single Page Application)**
* **Excellent team player** with the ability to meet stringent deadlines and work pressure
* **Ability to plan and organize** things effectively and outstanding knowledge sharing skills
* Received **individual & team client appreciations** for giving the deliverables with utmost quality.
* **Competent and Quick Learner** of new technologies and easily adaptive to new environments
* **Good communication skills** and flexibility for taking up new roles

**Software Skill Set:**

**Languages : Basics of C, C++, Core Java**

**Performance Testing Tools : HP LoadRunner, UNIX Box (Putty), Apache JMeter**

**Defect Management Tools : HP ALM Quality Centre, JIRA**

**Monitoring Tools : HP Sitescope, AppDynamics**

**Analytics Tools : Google Analytics**

**Other API tools : SOAP UI, POSTMAN**

**Operating Systems : Windows, Linux**

**DB languages : Basics of SQL**

**Projects Experience:**

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| **Project Name** | PwC US IT (Assurance) |
| **Client** | PwC US Assurance |
| **Role** | Performance and DevOps Engineer |
| **Team Size** | 4 |
| **Test tool** | Apache Jmeter |
| **Monitoring tool** | AppDynamics |
| **Analytics tool** | Google Analytics |
| **DevOps tools/concepts** | Basics of Docker, Kubernetes |

**Description:**

PwC’s Disclosure Checklist is an online tool that provides an interactive and customized checklist of  
Disclosure requirements that is used to enhance the efficiency of financial reporting. Each checklist incorporates applicable provisions of accounting and reporting pronouncements promulgated by the FASB, GASB, IASB, SEC, AICPA and other regulatory bodies, and provides the user with links to underlying guidance which is available in Inform.

**Roles & Responsibilities:**

* Creating test plan and load model
* Set up calls with stakeholders to understand the non-functional requirements
* Involved with developers to understand the application and its architecture
* Creating scripts using Apache JMeter
* Executing Load, Stress, Endurance tests using JMeter
* Monitor the application using AppDynamics
* Setting up Google Analytics for a POC from Analytics standpoint
* Circulate execution reports as well as monitoring stats to the stake holders
* Creating, deploying and maintaining docker files
* Setting up Kubernetes cluster along worker nodes and install Jenkins on top of it

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| **Project Name** | U2.0 Rebellion UI |
| **Client** | T-Mobile (U.S) |
| **Role** | Systems Architecture and Performance Engineer (SAPE) |
| **Team Size** | 5 |
| **Test tools** | LoadRunner, HP Performance Center, HP Quality Center, UNIX Box (Putty), SOAP UI |
| **Monitoring tools** | Appdynamics |

**Description:**

T-Mobile US is a major [wireless network operator](https://en.wikipedia.org/wiki/Cellular_network) telecom company in the [United States](https://en.wikipedia.org/wiki/United_States). T-Mobile US provides wireless and data services in the United States with 71.5 million customers as of Q4 2016.Project RGS consists of various applications (Desktop, Web, Web services) that processes T-Mobile business. Desktop application such as QV and QVXP (Web) are for Retail and Care Users. Applications such as TOM are web application for online shopping for handsets, exchanges and repairs, tariff plans and best deals. E2E performance testing is conducted in every release for the key business scenarios to check performance degradation or improvement of the application by performing various tests like Peak load, Stress, Endurance etc.

**Roles & Responsibilities:**

* Leading the project(TOM) from offshore
* Creating scripts using WEB (HTTP/HTML), Web services and AJAX Truclient protocol
* Validate the API calls in POSTMAN tool, created scripts and perform load executions
* Executing Load, Stress, Endurance tests using Performance Center/Controller
* Circulate execution reports as well as monitoring stats to the stake holders

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| **Project Name** | U2.0 Order Management System (O.M.S) |
| **Client** | T-Mobile(U.S) |
| **Role** | Systems Architecture and Performance Engineer (SAPE) |
| **Team Size** | 5 |
| **Test tools** | LoadRunner, HP Performance Center, HP Quality Center, UNIX Box (Putty), SOAP UI |
| **Monitoring tools** | Appdynamics |

**Description:**

Whenever a customer browses in the UI and place some items or rate plans on the cart or wish list, a draft order is created. The transition happening between adding a device or rate plan to the cart or wish list to finally buying these stuffs from the client is all handled by OMS (Order Management System)

**Roles & Responsibilities:**

* Doing the initial shakeout after every code drop using SOAP UI
* Raising the defects in HPQC and follow up’s are done till closure of the defects
* Creating Web Services script using LoadRunner, prepare execution reports and do the analysis

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| **Project Name** | U2.0 Customer Hub (C.H.U.B) |
| **Client** | T-Mobile(U.S) |
| **Role** | Systems Architecture and Performance Engineer (SAPE) |
| **Team Size** | 5 |
| **Test tools** | HP LoadRunner, HP Performance Center 12.20, UNIX Box (Putty), SOAP UI, TOAD |
| **Monitoring tools** | Gems V3.4, HP Sitescope |

**Description:**

Customer HUB is a database which stores customer related information like BAN, MSISDN, SSN etc.

Performance testing was carried out using both read (Lookup Search) and writes (JMS Events) operations into the DB. Write operation is carried out through JMS services where in messages are pushed to the DB through JMS Queues (Account, Line, Payment, Order Level).

**Roles & Responsibilities:**

* Set up life line calls with the Dev team to understand the overall functionality of the application
* Creating LoadRunner JMS and web services scripts
* Monitor the different queue and their messages and receiver count using the Gems tool
* Validate whether all the data’s are present in the respective table in the DB
* Analyzing different performance bottlenecks (Indexing/Pooling for LookUp Search) and following up on the same with the Dev Team

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| **Project Name** | Amdocs Mediation (AIM) |
| **Client** | Everything Everywhere (UK) |
| **Role** | Performance Tester |
| **Team Size** | 5 |
| **Test tools** | UNIX Box (Putty), Toad, HP Quality Center |

**Description:**

Amdocs Mediation is a system which acts as an interface or a middle layer between network elements (MMSC, SMSC, GGSN etc) and billing system/downstream applications like Fraud Management Systems, Revenue Assurance, Data Ware house etc.

A mediation function is a function that routes or acts on [information](http://en.wikipedia.org/wiki/Information) passing between network elements and network operations. Amdocs mediation is a process that converts call data to pre-defined layout that can be imported by a specific billing system or other [OSS](http://en.wikipedia.org/wiki/Operations_support_system) application.

Amdocs mediation supports all voice and data mediation in a single converged system because it has brought a significant reduction in hardware as well as operational cost

**Roles & Responsibilities:**

* Involved in reviewing solution requirements and attended the CFT calls to identify the performance impacted requirements.
* Set up calls with stakeholders to finalize the non-functional requirements and gather the volumetrics.
* Prepare Performance test scenarios (Load & Soak) and carry out execution.
* Automation of the testing execution and monitoring using shell scripts and SQL queries on TOAD.
* Raising the defects in HPQC and follow – up’s are done till closure of the defects.
* Prepare Test execution reports and analyzing the Performance testing results and DB stats pack reports to identify the bottlenecks at server and Data Base end.
* Prepare, Review and circulate the Test Reports to the Stake holders.

**Educational Background:**

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| **Qualification** | **Year of Passing** | **Institute** | **Percentage of Marks** |
| **B. Tech (E.C.E)** | 2013 | Gandhi Institute for Education and Technology, Bhubaneswar | 7.57(C.G.PA) |
|
| **12th (I.S.C)** | 2009 | Stewart School, Bhubaneswar | 74.5 |
|
| **10th (I.C.S.E)** | 2007 | Stewart School, Bhubaneswar | 86.57 |
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**Personal Details:**

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| **Full Name** | Prakash Ranjan |
| **Date of Birth** | 03-Dec-1990 |
| **Gender** | Male |
| **Marital Status** | Single |
| **Nationality** | Indian |
| **Languages Known** | English, Hindi and Oriya |
| **Father’s Name** | P.L Mohanta |

**Declaration:**

I hereby declare that all the information furnished above is true to the best of my knowledge.

**Date**

**Place:** Bangalore **Prakash Ranjan**