***Anuj Dhanuka***

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***Test Analyst | Project Management | Performance Aficionado***

A goal- oriented professional offering over 10 years of proven track record of Performance testing, API testing and Implementation of BSS, NSS, OSS, and MFS telecom based product. Maintenance, implementing services plans and policies for managing all aspects of customer service and strategic planning and Experience in Performance testing and lead project customization discussion with the clients and provide the technical solutions.

***Key skills***

Protocol – Sigtran, SS7, Diameter, Sip, VoIP, SMPP, LDAP, SSTP, Radius, HTTP, SOAP, REST API

OS – Linux and Microsoft window.

Tools – JMeter, SoapUI, Docker, kubernetes, Grafana, ELK (Elastisearch), Jenkin, Ha-Proxy, GIT,

 NeoLoad, HP Load Runner, Openstack, Wireshark, Open Sip, Test Rail, Toad, WinScp

Database- MySQL, Oracle, MSSQL, influx DB, VoltDB.

Management tools – Jira, Confluence.

Language – Shell, Python scripting.

***Work Experience***

Currently working in **Sterlite Technologies** as a **Test Analyst** from May-2019 to till now at Ahmedabad

Location.

* Client : Vodafone, Jio
* Technology : Jmeter, Docker, kubernetes, LoadRunner
* Project : PCRF (PCC) ,dBRM Billing solution
* Job Profile : Performance Test Analyst.
* Worked on Test Planning, Test Estimation, Test Strategy, Test Cases Design, Test Environment

Setup, Test Data Setup, Defect Management & Configuration Management.

* Tested large enterprise systems with complex architecture and extensive experience of

Automated testing of Soap and RESTful APIs using Jmeter, NeoLoad, LoadRunner and open

Source tools.

* Performance testing – Jmeter, NeoLoad / Software deployment – Docker/Kubernetes / Log

Analysis using Logstash/Kibana, Grafana tools.

* Translating Functional and Non-functional requirements into test cases and JMeter scripts as

Well as developing and executing performance test plans and scripts.

* Actively participating in Release Planning.
* Continuous integration via tools like Jenkins.
* Experienced deploying applications on Kubernetes.
* Support the Agile Team in establishing achievable objectives.
* Executed Benchmark, load, stress, endurance and other non-functional tests.
* Analyzed the CPU Utilization, Memory usage and Network usage, Garbage Collection, DB

Parameters and DB Reports to verify the performance of the applications.

* Published results and receive appropriate signoff. Prepared detail status reports and monitoring

Of all defects and issues on JIRA tool.

* Collaborate with Business/ Product teams to improve system performance.
* Research and evaluate current and upcoming technologies and frameworks.
* Participate in PoCs (Proof of Concept) and help the Department with selection of Vendor Solutions, Technologies, Methodologies and Frameworks.
* Perform Quality Inspections and Walkthroughs throughout the SDLC including Requirements Review, Design Review, Code Review and Security Review to ensure compliance with company standards.

***Previous Experiences***

 **Panamax InfoTech Inc.** as a **Sr.Implementation Engineer** since Aug-2016 to May-2019 at Ahmedabad

 Location.

* Client : QCELL (Gambia), Greencom (Guinea).
* Technology : Window,MSSQL,Linux,Docker,Jmeter,LoadRunner
* Project : BillCall (billing Solution),Imax(VoIP)
* Job Profile : Sr. Implementation engineer.
* Workshops with Telecom Operators for Business requirement gathering and writing Functional Specification Documents.
* Worked on Test Planning, Test Estimation, Test Strategy, Test Cases Design, Test Environment Setup,

Test Data Setup, Defect Management & Configuration Management.

* Deploy of all application related to VoIP billing and Roaming Mediation.
* Proficient to lead/ drive Static/ Functional/ Regression/ UAT/ End to End& Integration Testing activities and the concepts of Performance/ Load/ Stress testing.
* Reduced defect leakage to the production by 20% by bringing in two phase testing of Functional testing and Integration Testing post a 80% pass unit test cases by development team
* Analyzed the CPU Utilization, Memory usage and Network usage, Garbage Collection, DB Parameters and DB Reports to verify the performance of the applications.
* Configured IIS, Active directory, window and SQL Clustering.
* Collection, conversion and dumping of IN, TAPIN, SMSC, GPRS, RAPIN, NRTDEIN Files.
* Increased Sprint success rate by 15% by enforcing clear feature description from BA and a mandate for use of approved HLD and LLD documents by product architect for project customization delivery.
* Conduct UAT with the clients, make application live and ensure business process is running as per customer expectation.
* Maintenance of Notification and Service Advisory communication is distributed to stakeholders in accordance with SOP.
* Participate in PoCs (Proof of Concept) and help the Department with selection of Vendor Solutions, Technologies, Methodologies and Frameworks.
* Involved in designing and development of new modules from the scratch for the project’s needs.
* Application has been deployed on Docker and Performance testing has been done using Jmeter tool.
* Experience in Agile oriented organizations and cultures.
* Test Automation Framework for REST & SOAP based API, which is highly integrated with Defect tracking system. Manage multiple concurrent interdisciplinary projects.
* Lead day to day system development and maintenance activities of the team to meet service level agreements (SLAs) and create solutions with high level of innovation, cost effectiveness, high quality and faster time to market.

**Six Dee Technology** as an **Implementation engineer** since Feb 2014 to May 2016 at Bangalore Location.

* Client : BSNL,Telecel, Telenor (Fintech)
* Technology : Linux, Diameter ,SS7,SIGTRAN Protocol
* Project : VPN (virtual private network) ALU Surepay IN.
* Job Profile : Implementation Engineer (BSS,NSS,MFS)
* Setup and maintain a virtual private network with ALU Surepay IN.
* Plan, design and develop technical solutions and alternatives to meet business requirements in adherence with company standards, processes and best practices.
* Migration has done on ATCA (Surepay) BSNL circle wise.
* Configured ALU Surepay, eSM/RMS, UMF equipment in an operator environment
* Gather the requirements from client manager at client location and report to my manager and provided the support to client also ALU Surepay IN.
* Functional and performance testing on protocol SIGTRAN, SS7, CAP, MAP protocol.
* Analyze Non Functional Requirement and Complicated Software System and Design a strategy to test the system.
* Tested all Call type (On net and off net) calls at Surepay with all bundle packages.
* Conduct UAT with the clients, make application live and ensure business process is running as per customer expectation.
* Maintenance of Notification and Service Advisory communication is distributed to stakeholders in accordance with SOP.
* Lead project customization discussion with the clients and provide the technical solutions.
* Installed the Red hat Linux, OS and application of voice and SMS on the HP server.
* Configuration has been done with HLR.
* ILO and NAGIOS configuration has been done on servers.
* Tested the feature like free voice calls (onnet, off net) and maintained the CDR of live traffic.
* Maintain the database (MYSQL) for live subscriber.
* Worked on maintenance, support, and Performance testing.
* Integrated Surepay with Postpaid billing system (Kenan system).
* Analyzed and identify critical problems that may result in an outage.
* PCAP traces has been taken while testing all call type on Wireshark tool.
* Installation & Commissioning of USSD and SMSC for TELECEL has been done.
* Application has been deployed on the server.
* USSD gateway and USSD menu configuration has been done.
* Functional testing done for USSD through Soap API.

**Pyro Networks** as a **Technical Support Engineer** since July-2013 till Feb-2014 at Hyderabad location.

* Client : IDEA
* Technology : GSM, SIGTRAN, ORCALE11g, Linux, IP configuration
* Project : MIS Reporting –HYDERABAD CIRCLE
* Job Profile : Technical Support Engineer
* To rectify the database issue fetch the data from database and generate reports
* Handling the NAT tool.
* Fetch the data from OSS and maintain the networking part also.
* Performing analysis of various Network reports & Parameters to provide remedy for low CSSR, and other GSM Parameters.
* Fetch the data by help of ORCALE server and maintain the data at client end.
* Give to support to client with help of ORCALE11g.
* Generated the reports at daily basis on GSM and 3G and send to the IDEA clients
* Monitoring the network, debug the daily basis issue in database
* To rectify Client Problems by optimization.

**Alcatel-Lucent Managed Service (Adecco)** as **RF Engineer** since June-2010 till Dec-2012 at Delhi location.

* Client : Rcom ltd.
* Technology : Linux, MySQL, Diameter protocol testing
* Project : GSM,CDMA 1X (VOICE & DATA),EVDO
* Job Profile : RF Engineer /BSS Engineer (GET)
* Responsible for Optimization of Radio Network and SIGRTAN connectivity.
* Performing analysis of various Network reports & Parameters to provide remedy for low CSSR, RFER

 And other CDMA Parameters.

* Optimization of sites & deciding antenna Type, Height, Orientation, Tilt etc. for various cells.
* Analyzing Log files of Drive Tests for Coverage, Quality Problems and Handover Optimization etc. Using

 Tems & Nemo Tools.

* Create the HLR profile GT based and route the call accordingly with all nodes.
* To rectify the problem and add the GT in the HLR.
* Proper functioning and fault free operation of BTS.
* Monitoring of daily network alarms, hardware faults and resolved them accordingly.
* Maintain the HLR database.
* Daily report generation from TTI’s.
* RCA analysis for any outage and & take corrective actions.
* E-1 punching and transport issue.
* 3G integration and software upgrading at HUWAEI BTS.
* DT (drive test) has been done.

***Education Qualification***

2005 - 09 Bachelor of Engineering (ECE)

* ***Dronacharya College of Engineering, Gurgaon***

***Personal Information***

Fathers Name : Mr.Sahdev Dhanuka

Sex : Male

Date of birth : 3rd January 1987

Nationality : Indian

Marital Status : Married

Linguistic Proficiency : English, Hindi, Punjabi

Current Location : Ahmedabad (Gujrat)

Date: (ANUJ DHANUKA)