 **Kamal Babu Sathanoor**

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 **Experience Summary**

* Dynamic and result oriented professional with 16+ years of total IT experience and 11+ years’ experience in all aspects of performance engineering/Testing.
* Drive performance-related design discussions and planning with Development
* Design and implement Peak Load, Endurance, scalability, stability, and stress tests using industry standard tools.
* Benchmark testing, performance analysis using industry standard benchmarks software development
* Deep knowledge of JVM internals & GC
* Excellent knowledge of thread and heap dump analysis
* Expertise in Java Profiling & APM Software (JProfiler, JConsole, Eclipse Memory Analyzer, DynaTrace, Introscope, etc.)
* Expert level understanding of the key operational metrics associated with throughput, latency, memory, CPU, disk & network and the ability to debug bottlenecks associated with any of them
* Expert level Understanding of database analysis/tuning, replication, contention/locking analysis and tuning
* Familiar with search platforms such as Apache Solr, ElasticSearch etc
* Solid Working knowledge of HTTP load generation / measurement software’s (e.g. LoadRunner, JMeter, Neoload, Silk Performer, Fiddler)
* Experience with large-scale metrics and monitoring
* Experience with agile development methodology
* Working knowledge of TCP/IP, networking topology, routers, switches
* Working knowledge of Network packet sniffers (e.g. TcpDump, Network Monitor, WinDump, EtherPeek, Observer)
* Excellent communication skills with strong technical expertise, good interpersonal skills, excellent team mentor and team player.

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| --- | --- |
| SKILLS | TOOLS |
| Performance Engineering | NFR capture, Load/performance testing, capacity modeling, performance monitoring, NF testing aspects like Resilience-reliability, availability, scalability  |
| Testing Tools | Neoload, HP Load-Runner, Performance Centre and Quality Centre, **Postman, RestAssured, Git, Atlassian SourceTree, Newman.** |
| Monitoring Tools | Sitescope, Intrascope, Dynatrace 7.1, Appdynamics, Jconsole, JMAT, Jprofiler. |
| Scripting Protocol | Vugen, Loadrunner12.53. Neoload7.4. Jmeter5.3. |
| Database(s) | Oracle, My SQL, PL/SQL |
| Operating system | Windows, Unix, Solaris |
| technologies | Java, J2EE, .Net, Oracle |
| Version control tools | Source tree 6.4 |

### Company : Tech Mahindra Limited.

### Role : Tech Lead

**Duration :** Oct 2018 – June 2020.

**Project Description: British Telecom Open Reach SRIMS Application**

SRIMS is a service and restore inventory management system using weblogic services to deliver guidance to end users. SRIMS application tracks all the BT devices. SRIMS is the next generation OSS (Operational Support System) for a single truth Service & Resource Inventory management, combining Network and IT technologies and simplifying how we provide and assure BT's strategic services.

**Roles & Responsibilities.**

* Involved in understanding, analysing and reviewing the non functional requirements of OR SRIMS XML & UI applications.
* Strategy plan preparation. This included providing details of the approach, types of tests planned, in-scope and out scope details, coverage of the tests, risks and dependencies assessment involved with it.
* Creates detailed planning document of the performance engineering. This includes work load modelling, various types of performance tests executions which try to emulate the real time scenario, metrics to be monitored.
* Analysed and determined peak volume, hits per second, normal volume, application breakpoint volume, throughput, Transaction per Second (TPS) and other SLAs (Service Level Agreement).
* Create performance virtual user scripts using Loadrunner tool.
* Executed load, scalability, stress, endurance and failover tests, while simultaneously monitoring the application servers, oracle database servers.
* Analyzed heap and thread dumps and provided recommendations.
* Reported component wise break down response timings and Web Page break down time.
* Found database connection issue, rollock contention issue, stuck threads issue, server memory Leak issue, and high transaction response timings issues and provided recommendations.
* Conducted Raptor testing with which assaults was applied and observed the behavior of the application.
* Prepare the report, collate all the data and provide a consolidated End of test report to the client.
* Provide suggestions to improve the performance of the application in the Test report itself.

### Company : Tech Mahindra Limited.

### Role : Tech Lead

**Duration :** May 2015 – Sep 2018.

**Project Description: Bell Canada – Blue Print Infinite Application**

BPI Blue Print Infinite is a dotNet application using Process Manager service calls to deliver guidance to first line customer support.

BELL Canada’s Bell.ca application mainly deals with telecom products and services. In order to meet its growing customer base, it is expanding its services in all the verticals. As part of this, a major development has been planned in critical modules such as Mobility, OneBill, My Services, Shared and Non-Shared Usage that involves application redesign, wide range of functionalities, additional products and services.

Following set of applications will be developed and engineered simultaneously in phased manner of agile methodology.

1. WEB Application.
2. WAP mobile Application.
3. CRM Application

Major functionalities that go with the application are Account Details, Payment, Billing, Service Plans, Notifications, Usage and Hardware Upgrade Online. There will be major impacts in MyBell, Shop and Support modules which are critical to Bell.ca application. Interfaces between backend systems (i.e. IMSS, LDAP, Message Center, and CMO Web Services) and ESB (External Service Board) will be designed and implemented. Functionalities such as Customer Sign Up, Prepaid and Postpaid Subscription will be redefined. Capacity of existing systems will be increased to support growing demand.

**Roles & Responsibilities.**

* Involved in understanding, analysing and reviewing the non functional requirements of BPI (Blue Prints Infinite) and Bell.ca applications.
* Strategy plan preparation. This included providing details of the approach, types of cases planned, in-scope and out scope details, coverage of the tests, risks and dependencies assessment involved with it.
* Creates detailed planning document of the performance engineering. This includes work load modelling, various types of performance tests executions which try to emulate the real time scenario, metrics to be monitored, and in-scope, out of scope, Risks, assumptions, issues and dependencies involved in it.
* Analysed and determined peak volume, hits per second, normal volume, application breakpoint volume, throughput, Transaction per Second (TPS) and other SLAs (Service Level Agreement).
* Executed load, volume, stress, endurance and Failover tests, while simultaneously monitoring the application servers, oracle database servers.
* Analysed the tests using dynatrace, drill down the purepath & Transaction flow and identified performance issues using dynatrace.
* Reported component wise break down response timings and Web Page break down time.
* Determined database connection issues, stuck threads issues, server memory Leak issues, and high transaction response timings issues.
* Conducted failover execution to determine if the servers are able to sustain and perform w/o failure in case if some of servers fail due to any reason.
* Prepare the report, collate all the data and provide a consolidated End of test report to the client.
* Provide suggestions to improve the performance of the application in End of Test report itself.

### Company : Tech Mahindra Limited.

### Role : Tech Lead

**Duration :** June 2014 – May 2015.

**Project Description: Nespresso CRC Application** SAP CRM – Sales module

*Nestlé Nespresso S.A. is the market leader in premium portioned coffee and one of the fastest growing operating businesses of the Nestlé Group.*

CRC Customer Relationship Centre application is the sub-module of the SAP CRM application, this application used by the coffee specialists to sell the coffee to the customers over phone calls, SMS, e-mails and so on, where coffee specialist take orders from the customers using this application and use to register new customers and update customers information’s.

**Roles & Responsibilities.**

* Worked as a Performance Test Lead/Onsite Coordinator.
* Written, enhanced, debugged & updated SAP-web, SAP-GUI & Tru-client scripts for different CRC test scenarios.
* Involved in the overall end to end test cycle of a release –understanding of non-functional test requirements to sign-off of deliverable (performance test reports).
* Plan and prepare test specs based upon the requirements gathered for the volumes expected on the live platform over the forthcoming releases.
* Design and configuration of load-runner scenarios.
* Developing scenarios based on the requirement for load, stress, mixed, spike and soak tests.
* Initial setup of scenarios to be tested in the environment and preparation of data required to execute high volume load tests.
* Execute performance tests across various individual components and on the entire end to end system for the ongoing releases.
* Setup monitoring scripts and monitoring System resources on both application and DB servers.
* Test report review and distribution through internal portals.
* Defect management activities involving co-ordination with component teams to progress on the defects raised during testing and flag any high priority issue to upper management for resolution.
* Liaise with Environment team to help identify and resolve Environment related issues.
* Have always been involved in an ongoing process of knowledge transfer activities with team members.
* Conducting defect review analysis and modifying test strategy
* Worked with application team & EM team to identify & resolve the code, environment and test data issues.
* Tools Used Load-runner 12.02, Source Tree 6.4, Environment - SAP - CRM, Oracle 12g.

### Company : Tech Mahindra Limited.

### Role : Tech Lead

**Duration :** March 2013 – May 2014.

**Project Description: British Telecom-(BT) (Access Pricing Engine –APE)**

**Access Pricing Engine:** APE is a web-based application used by the BT Sales team to request Access line prices for various BT products. The user submits a request with the site, product and speed information and if the pricing information for those details is available in the database, the price is generated automatically. If the pricing information is not available in the database, the user is given an option to submit the request to the Access Front Line staff. Then the Front Line staff processes the request manually and the quote is presented to the user.

For the details regarding availability of product at different locations, the APE database gets a feed from CAPMAN via the Sales Catalogue.

The following data is fed from Sales Catalogue to APE

1) Product availability at different locations

2) Port speed & access speed combinations for each location

The following data is fed from CAPMAN to Sales Catalogue.

Capman feeds the Sales Catalogue with following details

1) PoPs (Points of Presence)

2) Product availability at pops

3) Port speed

4) Access speed

5) Suppliers

6) Interface types

**Roles & Responsibilities.**

* Worked as a Performance Test Lead.
* Involved in the overall end to end test cycle of a release –understanding of non-functional test requirements to sign-off of deliverable (performance test reports).
* Plan and prepare test specs based upon the requirements gathered for the volumes expected on the live platform over the forthcoming releases.
* Design and configuration of load-runner scenarios.
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* Initial setup of scenarios to be tested in the environment and preparation of data required to execute high volume load tests.
* Execute performance tests across various individual components and on the entire end to end system for the ongoing releases.
* Setup monitoring scripts and monitoring System resources on both application and DB servers.
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* Defect management activities involving co-ordination with component teams to progress on the defects raised during testing and flag any high priority issue to upper management for resolution.
* Liaise with Environment team to help identify and resolve Environment related issues.
* Have always been involved in an ongoing process of knowledge transfer activities with team members.
* Conducting defect review analysis and modifying test strategy
* Worked with application team & EM team to identify & resolve the code, environment and test data issues.
* Tools Used Performance center 9.5 , Environment - .net, J2ee

### Company : Resonance Global IT Solutions.

### Role : Performance Test Consultant

**Location :** Bangalore

**Duration :** April 2011 – March 2013.

Resonance IT is a specialist technology solutions corporation with a wide array of products and solutions to support real estate & building management operations. Resonance offers powerful technology solutions designed, developed and operated by real estate & asset management professionals to ensure best in class, highly efficient and easy to operate platforms. Our solutions are designed to assist the modern-day Facility / Estate Manager in the delivery of efficient and effective operations on:

•Point One Helpdesk Management system

•Secure Estate - Visitor Access Management

•Relay Stream - Transition Planning & Tracking

•Lease Administration

The Resonance solution set is driven by a concept called Resonance Framework, which acts as an efficient Real Estate Information Technology (REIT) platform to support multiple tools in a single-view environment.

Resonance Framework enables real-time access and monitoring of real time data/information pertaining to the operation, thereby supporting informed decision-making and acting as a one-stop platform with detailed and current information that can be accessed anywhere at any-time.

**Roles & Responsibilities.**

* Worked as a Performance Test Consultant.
* Evaluate system performance and provide recommendations for improvements.
* Analyze root causes of performance problems and develop appropriate resolutions.
* Conduct system performance and stress testing, analyze test results and suggest action plans.
* Mentor and train other Performance Engineers when needed.
* Review and recommend improvements to existing system designs for performance efficiency.
* Assist in preparation of design documents, technical and functional specifications and requirements document.
* Develop and enforce best practices to ensure quality and productivity.
* Present test results and recommendations to stake holders.
* Address customer queries and concerns in a timely manner.
* Expertise in performance engineering consulting and implementing performance engineering best practices.
* Recommend new hardware and software to carry out performance testing.
* Used open source performance testing tools Webload and LoadUI.
* Develop and enhance performance scripts using C, Java programming.
* Develop test scenarios and maintain test lab and environment.
* Implement process improvements to ensure testing efficiency.

### Company : Infosys Technologies Limited.

### Role : Technical Test Lead

**Location :** Sydney CBD (Australia)

**Duration :** Jun 2010 – Apr 2011

**Project Description: Westpac (Spider Application)**

Spider is replacing a business critical Teller application Platform as part of one of the early waves of Banksmart.

**Roles & Responsibilities.**

* Planning, defining, executing, and analyzing high-level performance testing strategies and solutions through business, functional and technical expertise.
* Leading team in implementing all actions required to perform an performance test.
* Develop Performance Test Plan and Test Data Strategy.
* Supervising the design and implementation of performance testing scripts
* Coordinating with multiple teams and execute a performance test
* Excellent customer interaction skills
* Ability to gather NFR’s from various vendors to meet Performance Test Needs
* Define Test Data Strategy for Performance Tests
* Experience in handling various test types like Stress, Load, Volume and Spike Test
* Implemented new processes and artifacts, and hired new personnel.
* Have been the first point of contact for a major chunk of releases whilst interacting with the external communities mainly the Design/ Development teams and customers.
* To identify and escalate issues with the current releases to the upper management and push for quick resolution of defects raised.
* For Performance testing->Tools Used Performance centre 9.1 , Environment - Java, .net, J2ee

### Company : Symphony Services Corp Pvt., Ltd.

### Role : Lead Product Engineer

**Duration :** APR2010 – MAY - 2010

**Location :** Bangalore

**Project Description: ReadSoft**

ReadSoft Client/server application, the ReadSoft application consists of several modules in which Documents module has been performance tested. The application is built on dot net technology.

The document module is mainly consists of services like Inspect, Sort, Extract, Verify and output.

This module is specially designed for documents or images process, with the help of a Keyword or multiple numbers of keywords we can retrieve the desired document or image stored in a database.

The other features include with document module are separate documents and combine documents.

**Role Description**

* Worked as a Performance Test Lead.
* Requirement gathering and analysis.
* Test Plan Creation.
* Test script creation and execution.
* Production simulation test execution.
* Conducted ReadSoft applications Citrix & Hyper-V Compatibility tests.
* Capturing the Performance metrics of the app & DB servers through Perfmon and plotting the Graphs using the metadata.
* Reported the findings/defects to stakeholders.
* Test results report creation.
* Tools Used Perfmon , Environment - Java, J2ee

### Company : Accenture Services Pvt., Ltd.

### Role : Senior Performance Test Engineer

**Duration :** 8 months (JUN 2009 – FEB 2010)

**Location :** Bangalore

**Project Description: EMC2**

CXP (Channel Express) & DXP (Direct Express) these two applications come under Sales and marketing cluster of EMC, where EMC does its business online with its customers.

EMC has numerous products in both software and hardware types. Its flag product (Symmetric) in information technology storage products stands no1 in the market.

**Role Description**

* Worked as a Performance Test Lead.
* Review & understand performance requirement document from application/Initiative team.
* Creation of the approach/Test Plan document and convert the business process steps to automated scripts using VuGen.
* Monitor resources to identify performance bottlenecks, analyse test results and report the findings to the stakeholders/clients.
* Guiding the team members on scripting and other issues.
* Creating, Updating & Managing scripts in the VuGen/Performance Centre.
* Creating and managing the scenarios in Performance Centre.
* Monitoring and collecting the transactions performance metrics and analysing the results.
* Worked with application team & EM team to identify & resolve the code, environment and test data issues.
* Tools Used Performance centre 9.1 , Environment - Oracle11i

### Company : Accenture Services Pvt., Ltd.

### Role : Senior Performance Test Engineer

**Duration :** 11 months (AUG 2008 – JUN 2009)

**Location :** Bangalore

**Project Description: Bank of America (KTC)**

Know The Customer (KTC) is a middleware application of Bank of America, specially designed to retrieve the customer’s information’s which distributed across databases like COIN, BOSS, GPSI and NW.

Earlier it was quite time consuming and difficult to retrieve the data from different DBs hence the KTC comes in to the picture, KTC application is quite faster and cost effective.

**Role Description**

* Review & understand performance requirement document from application/Initiative team.
* Creation of the approach/Test Plan document and convert the business process steps to automated scripts using VuGen.
* Monitor resources to identify performance bottlenecks, analyse test results and report the findings to the stakeholders/clients.
* Guiding the team members on scripting and other issues.
* Creating, Updating & Managing scripts in the VuGen/Performance Centre.
* Creating and managing the scenarios in Performance Centre.
* Monitoring and collecting the transactions performance metrics and analysing the results.
* Worked with application team & EM team to identify & resolve the code, environment and test data issues.
* Tools Used Performance center 9.1 , Environment - Java, .net

### Company : Accenture Services Pvt., Ltd.

### Role : Performance Test Engineer

**Duration :** 8 months (DEC 2007– JUL 2008)

**Location :** Bangalore

**Project Description: Bank of America (OOS)**

Object Orchestration Service (OOS) is the next generation middleware of Bank of America Application Software. OOS middleware design architecture on web methods integration platform to reuse transactions for different clients. The architecture proposes three layers in order to achieve reusability of the transaction services. The three layers are namely Channel, Proxy and Target. All the three layers are implemented on web methods Integration Servers.

The OOS runtime environment is divided into two types of Integration Server, Front End and Back End. The Front End Integration Server knows about the channels and how to parse the request message and build the response. The Back End Integration Server knows the target application and how to create the request and parse the reply and protocol required.

**Role Description**

* Review & understand performance requirement document from application/Initiative team.
* Creation of the approach/Test Plan document and convert the business process steps to automated scripts using VuGen.
* Monitor resources to identify performance bottlenecks, analyse test results and report the findings to the stakeholders/clients.
* Guiding the team members on scripting and other issues.
* Creating, Updating & Managing scripts in the VuGen/Performance Centre.
* Creating and managing the scenarios in Performance Centre.
* Monitoring and collecting the transactions performance metrics and analysing the results.
* Worked with application team & EM team to identify & resolve the code, environment and test data issues.
* Tools Used Performance centre 9.1 , Environment - Java, .net, J2ee

### Company : Accenture Services Pvt., Ltd.

### Role : Performance Test Engineer

**Duration :** 1 month (Nov 2007 – Nov 2007)

**Location :** Bangalore

**Project Description: Bank of America (FRA)**

Fee Refund Application (FRA) is a middleware application of Bank of America, specifically designed for customers fee refund.

**Role Description**

* Review & understand performance requirement document from application/Initiative team.
* Creation of the approach/Test Plan document and convert the business process steps to automated scripts using VuGen.
* Monitor resources to identify performance bottlenecks, analyse test results and report the findings to the stakeholders/clients.
* Guiding the team members on scripting and other issues.
* Creating, Updating & Managing scripts in the VuGen/Performance Centre.
* Creating and managing the scenarios in Performance Centre.
* Monitoring and collecting the transactions performance metrics and analysing the results.
* Worked with application team & EM team to identify & resolve the code, environment and test data issues.
* Tools Used Performance centre 9.1 , Environment - Java, .net, J2ee

### Company : Accenture Services Pvt., Ltd.

### Role : Test Developer

**Duration :** 3 months (AUG 2007 – OCT 2007)

**Location :** Bangalore

**Project Description: Bank of America (Command CentreMonitoring)**

Bank of America has many applications which are used by number of the associates & stakeholders located across globe at different time zones. Environment unavailability of few business components of an application impacts many users & depending on down systems, this leads to resource time wastages, redundancy in defects & huge losses. Also the current defect detection & reporting has a long escalation process before it can be identified as the severity-1 and escalated to the concerned stakeholders.

In-order to comply with the environment unavailability Command Centre Monitoring is brought into focus which also helps in identifying the application performance at any given point of time. Command Centre is a monitoring initiative to identify the high severity defects of the test environment and provide better communication and metrics around testing environments and batch cycles with the use of HP Business Availability Centre 7.0.

**Role Description**

* Review & understand performance requirement document from functional team.
* Converting manual scripts into automation scripts using VuGen.
* Guiding the team members on scripting and other issues.
* Driven the script validation call with Functional and CCM Tool monitoring teams.
* 5.Creating, Updating, Managing and Monitoring the business profiles in the BAC
* Creating and Managing the Views, Reports and Alerts.
* Enhance and verify the working condition of the final VuGen scripts & upload the scripts to Business Availability Centre (BAC) with threshold transactions time and schedule frequency.
* Work with Functional team to identify & resolve the application scripting and test data issues.
* Tools Used – BAC, BMP & Loadrunner ( Vugen) , Environment - Java, .net, J2ee

### Company : Tryarc India Software Operations Pvt., Ltd.

### Role : Senior Test Engineer

**Duration :** 15 months (MAY 2006 – JUL 2007)

**Location :** Bangalore

**Project Description:** Pro-Fect

A software product to help shippers, buyers and service providers, streamline and optimize their transportation processes and efficiently procure their business shipping needs through real-time information sharing.

It provides the supply chain transportation players with a tool to help plan tenders, manage shipments, track shipments, and manage exceptions and also helps in achieving on-time availability of materials, logistical planning, scheduling & route optimization.

**Role Description**

* Review & understand performance requirement document from application/Initiative team.
* Creation of the approach/Test Plan document and convert the business process steps to automated scripts using VuGen.
* Monitor resources to identify performance bottlenecks, analyse test results and report the findings to the stakeholders/clients.
* Guiding the team members on scripting and other issues.
* Creating, Updating & Managing scripts in the VuGen/Controller.
* Creating and managing the scenarios in Performance Centre.
* Monitoring and collecting the transactions performance metrics and analysing the results.
* Worked with application team & EM team to identify & resolve the code, environment and test data issues.
* Tools Used LoadRunner8.0 , Environment - Java, .net, J2ee

### Company : Tryarc India Software Operations Pvt., Ltd.

### Role : Senior Test Engineer

**Duration :** 13 months (APR 2005 – APR 2006)

**Location :** Bangalore

**Project Description:**

SMSCountry can be implemented in advertising agencies, large brands in the retail, and food and entertainment sectors for mobile marketing.

SMSCountry solutions allow enterprises to offer differentiated, premium mobile services to customers. Delivery of actionable is real-time, mobile stock alerts based on pre-defined event parameters.

**Role Description**

* Involved in preparing Test Case Design.
* Involved in Problem Solving and Defect Tracking, Reporting the Bugs in Bug Tracking Tool.
* Failure Analysis of Test Cases and Bugs to test various features after going through respective test case logs.
* Coordinating with Developer / Domain to resolve defects and functionality Issues.
* Executing Test cases.
* Doing Black Box Testing.
* Preparing Bug reports.
* Preparing weekly and Daily status report.

### Company : ZenSutra Software Technologies Pvt., Ltd.

### Role : Test Engineer

**Duration :** 9 months (JUL 2004 – APR 2005)

**Location :** Bangalore

**Project Description:**

Quick data online is an authority-based application; the system is designed to access data and functions that are determined by user authorities or "permissions". The bank or financial institution that issues the card (Issuer), an issuer administrator enrols a company to use QDOL, An individual who oversees the QDOL application at the company level (admin).

The company administrator determines the various functions and data that are available to user. This part of the application covers the functions that are typically assigned to cardholder users; but the company administrator may limit user access to some functions, manages or review cost allocation transactions, and sets up new users. Company admin will give user (cardholder) the details on how to use this application in accordance with company policies and procedures.

**Role Description**

* Prepared Manual test cases.
* Generating and Reviewing RTM.
* Reviewed test cases.
* Executed test cases for Functional, Integration and System Testing.
* Performed Regression Testing, Usability Testing and Link Testing.
* Performed Compatibility and I18n testing.
* Identifying defects; Retesting fixes.
* Defect uploading, reporting and reviewing.

### Company : ZenSutra Software Technologies Pvt., Ltd.

### Role : Test Engineer

**Duration :** 6 months (FEB 2004 – JUN 2004)

**Location :** Bangalore

**Project Description:**

It is a Client/Server application developed for steel vendors with the main objective of atomizing their existing business process and to share among authorized users for efficient and smooth running of operation. The project will keep track of their stocks, employees and project bids.

The programmer's estimator function will keep track of the total price, weight, taxes, labour and so on and so generates detailed summary of records. The user can send bid information to an order list are to an invoice database and thus can keep track of the steel suppliers and customers. It will auto calculate the weight for all type of material in project.

**Role Description**

* Prepared Manual test cases.
* Generating and Reviewing RTM.
* Reviewed test cases.
* Executed test cases for Functional, Integration and System Testing.
* Performed Regression Testing, Usability Testing and Link Testing.
* Performed Compatibility and I18n testing.
* Identifying defects; Retesting fixes.
* Defect uploading, reporting and reviewing.

### Company : ZenSutra Software Technologies Pvt., Ltd.

### Role : Test Engineer

**Duration :** 4 months (OCT 2003 – FEB 2004)

**Location :** Bangalore

**Project Description:**

HR net is an online application developed for WTU BANK. The branches of whose are spread all over European countries. The main aim of this application is to automate the process of the calculation and maintenance of an employee leave balances, request for a time off, tracking the time of requests, approving/rejecting the time of requests, handling unscheduled time of requests.

The application also provides support for basic HR activities such as facility to maintain a list of company holidays/events, facility to post suggestions and bulletins through suggestion box and bulletin broad modules.

**Role Description**

* Prepared Manual test cases.
* Reviewed test cases.
* Generating and Reviewing RTM.
* Executed test cases for Functional, Integration and System Testing.
* Performed Regression Testing, Usability Testing and Link Testing.
* Performed Compatibility and I18n testing.
* Identifying defects; Retesting fixes.
* Defect uploading, reporting and reviewing.

**Qualifications**

* Bachelor of Engineer in Automobile Engineering degree from University of Mysore, studied @ P.E.S college of engineering Mandya.