CURRICULUM VITAE

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**Employee ID: 685288**

###### OBJECTIVE

Be accustomed to challenging work environment that involves with innovation, application/system architecting, Agile methodology rapid development, CLOUD application development/migration and/or software application/framework design. To be on par with the latest in IT domain.

**CAREER PROFILE SUMMARY**

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| --- | --- | --- |
| **Employer** | **Job Title** | **Period** |
| Cognizant Technology Solutions | Senior Architect | Since Feb 2018 |
| CenturyLink technolgies India pvt ltd,  Bangalore, India  http://www.centurylink.com/ | Technical Lead – Applications | April 2013 – Feb 2018 |
| CenturyLink technolgies India pvt ltd,  Bangalore, India  http://www.centurylink.com/ | Module Lead – Applications | April 2010 – March 2013 |
| CenturyLink technolgies India pvt ltd,  Bangalore, India  http://www.centurylink.com/ | Senior Software Engineer – Applications | Jan 2008 – April 2010 |
| Wisor Telecom India Pvt., Ltd., Bangalore, India  <http://www.wisor.com> | Software Developer | Dec 2006 – Jan 2008 |
| Wisor Telecom India Pvt., Ltd., Bangalore, India  http://synchronoss.com/ | BRE (Business Rule Entry – BRMS) | June 2004 – Nov 2006 |

###### CAREER SUMMARY

* Began the career by being a part on the innovation team on the business rule development using ILOG and proven a fast grasping on the ILOG tool and defined the better methodology on building the rules using TRL (Technical rule language). Executed the voluntary leadership to the team on getting them onboard quickly by smart way of assistance on KT / training depends on the resource capabilities.
* Involved in business requirement analysis from the beginning stage and provided many alternate solutions that are accepted across the stake holders. (BRMS team, onshore technical manager, Business Analyst).
* Voluntarily taken the ownership of developing the components built in J2EE for the ILOG and built the cost saving validation framework by deeper study of the ILOG engine to improve the performance and decouple the static rules to database alone. It has helped the business rules to production by ¼ ratio.
* Proven the faster grasping and applying thoughts in short term since shifting the responsibility to the new team named VFO (Virtual Front Office) which is built on Struts 1.2 framework. My speed of application grasping skills and the correlation of the business usage of the application have helped the team to build the VFO instances capable of both consumer & provider services depends on the installation type. Quickly learnt the application framework and the application bundles. By seeing my quick grasping skills on the complex application framework and commitment of the assignments, management has chosen me to the sole responsible of upgrading the application from WEBLOGIC 8 to 10 platforms.

**Career at CenturyLink / Qwest:**

* Joined MCAR GUI team and became SME by providing neat solutions for most of the complex problems to onshore. Promoted as module lead in short term on by delivering the most complex / critical requirements which gained the appreciation and the high confidence with offshore team to the stakeholders / clients.
* Provided many technical solutions irrespective of the current owned application technology and platform to other modules and enlarged the visibility and ownership on multiple applications (QT, HM, CITS, QSR, CDT & Matrix tool)
* Lead the .Net application and gave couple of releases with the co-relation of the C# with JAVA.
* Strengthened the lead activities and handled the team consists of 7 members right from the design to deliverable from onshore on CDT to CEC migration with effective business meetings, delegations, monitoring & reviews. Resolved high technology dependency on SFA WS integration with Weblogic WS in organization level, which helped the assigned & other projects having SFA integrations to brought the project status to green.
* Lead the domain integration project (LQ to LCTL) on QIC projects with detailed, decent plan of the execution and delivered them smoothly over the releases with no impact to the capital project deliveries.
* Performed the POC on the android platform to port the RxPS project (BUS / Web UI) to mobile platform.
* Very fast adoption to the Rx projects by handling the July 2012 release contains SWT, Drools, XSD, Struts2 technologies with process compliance.
* Gave a technical solution on the Rx project on WS integration with new external system (One remedy & Tracs) and build issues.
* Took the complete ownership on the new project RxPS’s April 2013 release, of size about 3000 hours assigned with 14 resources and met the delivery date with proper design & reviews.
* Received a new responsibility as Onshore Coordinator and received a many appreciations of being complex module designing, excellent coordination with the offshore by syncing the design approach, stepping into the coding and fixed when the team is stuck on the development. Performed a outstanding coordination at onshore (Minneapolis) for about 2 years (June 2014 – June 2016)
* Joined back at offshore (Bangalore) and transformed the team to the next level of domain and technical skills by effective assistance, guiding and discussions with the onshore experience and the business objectives to the team.
* Lead the role of Technical, Project Planning, Agile Process, Team meeting, Team activities for all of the critical business programs (Alt TN, Prepaid, Integrated ONT, Greenfield GPON, etc…).
* Leading the team in parallel of migrating the complex suites of application of RX such as RXPS, RXHC, Rx Lite from WebLogic to the Cloud Foundry.
* Architecting the transformation of the legacy application to the micro service pattern by quick and deeper analysis of the business services to make them loosely coupled and platform independent and expose them as Rest Service.
* HELD B1 VISA and have made 2 times of business visit to Denver United States for the Sales Force integration with QIC.
* HELD L1 VISA and travelled to Minneapolis (United States) and have made all IT programs successful through outstanding coordination, designing and implementation.

**CERTIFICATES**

Certified by NIIT with Certification ID: 05CBZZZZZ1478 on for

* Web – Centric Computing.
* Certified SCJP 5.0 by Sun Micro Systems.
* SPLUNK USER certified.
* Pivotal Cloud Foundry Developer e-Learning (PRPP Advanced)

###### AREAS OF EXPERTISE

* Spring Core & IOC, Spring MVC, Spring Hibernate Template, Spring Boot, Spring Data, Spring Rest Repository.
* Micro Service Architecture.
* Pivotal Cloud Foundry – Application modeling, Service definition and binding, Deployment, Management control and Scaling.
* IBM Drools (DRL and Decision Table), JBPM for the business rule flow engines.
* Active MQ of Publish Subscribe and Request Reply (JMS Correlation ID)
* Around 13 years of experience in Core JAVA 6 & 7 versions with 12 years of relevant experience in J2EE
* Angular2 Web development.
* NoSQL - Mongo DB data definition and application integration.
* Velocity Template Language.
* WebLogic server 10.2 expertise with multiple project version upgrade experience.
* EJB & MDB with queue, session and pooling.
* Conceptual knowledge on Android development.
* Struts 1.2 & 2 and interceptors.
* JBPM to develop the business control flows and state update.
* Hibernate 3 with annotation and integration with Spring.
* JAVA & J2EE design patterns.
* SOAP Web Service publishing & consuming.
* REST Web service publishing & consuming.
* Drools rule generation tools – IDE & Decision table.
* Eclipse RCP plugin development.
* XSD development and type generation knowledge on Castor & XML Beans.
* XSL development for the translation layers.
* JSON modelling, definitions and integrations.
* UNIX scripting on application integration on file transferring.
* Oracle PL SQL DDL & DML.
* SQL plus and loaders for the bulk uploading to the entities.
* Oracle DB procedures with XML parsers and functions.
* DB Query performance analysis and tuning with the query plan.
* ILOG – BRL & TRL and the deployment bundle to J2EE as EJB.
* Build tools: Ant, Maven & IVY

###### TECHNICAL SKILLS

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| --- | --- |
| Operating System | Microsoft Windows 2010 & Previous versions.  Unix |
| **Technologies** | Java 6 & 8  J2EE  Spring IOC, MVC, HBM Template, BOOT and DATA.  Pivotal Cloud Foundry (PCF - Application building, deployment and migration).  REST & SOAP Web Services  EJB, MDB & JMS  JBPM  JSP, Velocity, JavaScript & JQuery  Struts 1.2 & Struts 2  JSON, XSD, XSL and XML  Hibernate 3 & HQL  Drools  Eclipse RCP  Android  ILOG  Oracle PLSQL DML, DDL |
| **Servers** | PCF Cloud  WebLogic 8.1 ,9.2 & 10.3  Tomcat 5 & 7  JBOSS EAP 6  JMS  JTA |
| **RDBMS** | Oracle 9i,10g,11g, MS-SQL, MySQL, Mongo DB |
| Packages | MSOffice, TOAD, JDeveloper, Eclipse, Putty, NetBeans, STS & IntelliJ |

###### Previous Job Profile

###### Job Title Technical Lead - Applications

###### Company Profile CenturyLink India is one of the leading telecom service provider that has an IT department that they develop the product and establishes the services for their self-operations on both domains BSS & OSS. It has separate software / operational layer with the innovation for implementing the new thoughts to the business.

**Products & Services** Rx(Repair Expert), QIC, IVR, CEC, Corporate Systems & DWBI, Billing systems, Savvis cloud computing and Network engineering.

**Of CenturyLink**

**Job profile** Drive the GTRO project with end to end design, plan and monitoring to shift the legacy Gold SLA application to PCF Cloud platform with no impact to the capital project features being applied through monthly releases. Define the best practice and pattern to the repair domain which shall be referred for the other applications in the pipe line on the shift program that would ease for the team to focus on only the application conversion part to get them quickly migrated.

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# Academic Profile

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| **Qualification** | **Name of the Institute/Place** | **Year of passing** | **Percentage** |
| **M.C.A** | **BharathiDasan University,**  **Tiruchirappalli, Tamilnadu.** | **April 2006** | **75 %** |
| **B.Sc. (Maths)** | **National College, Tiruchirappalli, Tamilnadu.** | **April 2000** | **72 %** |
| **P.U.C (+2)** | **E.R.hr.sec.school, Tiruchirappalli, Tamilnadu** | **APRIL 1998** | **54 %** |
| **S.S.L.C** | **E.R.hr.sec.school, Tiruchirappalli, Tamilnadu** | **April 1996** | **77 %** |

###### PROJECT SUMMARY

**Product : GTRO (Get The Red Out) / JTTC (Journey To The Cloud)**

**Team Size :** 4

**OS/Platform :** Linux **/** Cloud

**Software/**

**Technologies :** Web Services, TIBCO Bus service, XSD, Spring, Hibernate, DRL &MDB

**Period :** March 2017 – Feb 2018

**Project Background**

**/ Role :** CenturyLink has a program named GTRO to pick the GOLD rated SLA application to move from the ECOM (WEBLOGIC platform) to Cloud (PCF). Rx has been a Gold from past 10 years, this has been a first pick to get RX application to be migrated to Cloud. Being a technical SME, I am chosen to form a team and plan that would not have an impact to the regular capital project deliverables through monthly releases. The legacy application has to be first scanned, identify the platform specific API dependencies, find an proven alternate API, make the application code update that works against the regular and cloud API by plugin the spring container/beans, control via configuration to determine the platform, build additional deployment package in addition to the ECOM deployment that would follow the compliance for the CLOUD deployment guidelines, application push to development space and/or to Non production Cloud ORG. Determine the service dependencies such as JMS, JDBC, etc.. and make them loosely coupled by introducing the micro services for JMS integration and create the developer controller connection factory and inject them to the existing application by mean of the injecting the utility bean to the existing application spring context.

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**Clients :** Rx – Desktop, E2E inventory detail, RxLite & IVR

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**Product : C2E (Billing Platform Migration)**

**Team Size :** 6

**OS :** UNIX

**Software/** Webservices, TIBCO Bus service, XSD, Spring, Hibernate, DRL &MDB

**Technologies :**

**Period :** April 2017 – Feb 2018

**Project Background**

**/ Role :** Legacy billing systems of multiple vendors are getting merged and will be billed out of the new platform as per the latest telecom specification and standards. This has an impact to the RX application to recognize the critical business flow Customer / Product recognition. The migration would flow in the phases and the Rx is expected to recognize the customers and their products irrespective of they are still being billed from the legacy or from the new platform. Proposal design is to convert the current product recognition to the new framework that would make the recognition flow as an abstract with the specific implementation of the logic as per the billing platform. Challenges for the implementation is that all of the E2E systems are in parallel development but the deployment goal is to meet on the same time as they are. Design in such a way to get the service agreement from the downstream and make use of the simulation tool to build the new flow and possibly have the collection of the module / components in the framework as individual such that any ongoing and happening changes to the module / component to make the system testable and certified to quickly turn over to the consecutive environment.

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**Clients :** Rx – Desktop, E2E inventory detail, RxLite & IVR

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**Product : InstaLink (Prepaid Platform)**

**Team Size :** 6

**OS :** UNIX

**Software/** Webservices, TIBCO Bus service, XSD, Spring, Hibernate, DRL &MDB

**Technologies :**

**Period :** Feb 2016 to May 2017.

**Project Background**

**/ Role :** Systems that works are built to specifically handle the call for the postpaid. Prepaid feature is getting introduced and hence the customer availing the service to be recognized and the system to be capable to resolve their product issues over the IVR by all possible troubleshooting tool / API at RX to be materialized as the same as postpaid troubleshooting process. User stories to enhance the system to adapt the prepaid as the same as postpaid with no impact to the current business. Critical areas of the troubleshooting right from the customer recognition, health check and to the ticketing have to be converted to the abstract methodology that would work for the both flavors of Postpaid and Prepaid. It involved with the detailed design by identifying the independent components in the large size application and got them assigned to the core individual team and by having the continuous review and design develop process the core critical components are gradually migrated to the re-usual to get them implemented in a such a way the type of the customers (Prepaid vs PostPaid) determined over the call.

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**Clients :** Rx – Desktop, E2E inventory detail, RxLite & IVR

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**Product : GreenField GPON**

**Team Size :** 12

**OS :** UNIX

**Software/** Webservices, TIBCO Bus service, XSD, Spring, Hibernate, DRL &MDB

**Technologies :**

**Period :** April 2015 to March 2016.

**Project Background**

**/ Role :** GreenField GPON is an advanced inventory infrastructure model that is build with optical fiber to help the business to deliver the internet to the customers in Gigs. It is being the successful methodology that many customers can enjoy the faster internet with no hassle on the speed or data distortion. Repair domain has to aware the modeling of this networking including but not limited to the devices, network paths, network model and their relationships to help the customers over such networking model to troubleshoot their issues. Customers on the existing networking modeling (BrownField) should also be continued to support. Having the continuous discussions with the E2E systems, have done the design in such a way, the new flow of the GreenField customer recognition meeting the user acceptance criteria by making the existing flow as reusual component to get them extend to Brownfield and GreenField.

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**Clients :** Rx – Desktop, E2E inventory detail, RxLite & IVR

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**Product : NIC (Network Inventory Consolidation)**

**Team Size :** 9

**OS :** UNIX

**Software/** Webservices, TIBCO Bus service, XSD, Spring, Hibernate, DRL &MDB

**Technologies :**

**Period :** May 2014 to Mar 2015.

**Job Role :** Inventory details have been migrated from the legacy system to the new platform named ARM. The migration takes place through multiple phases and integration of the RX suites of applications has to be smoothly integrated in align to the NIC program plan and at the same time the regular capital projects / other programs should not be impacted. The legacy flow on the inventory is critical for the repair troubleshooting and have a complex logic that the migration by detailed studies would consume a huge effort as well as time to production will be longer. Proposed and implemented the designed to build the transformation layer that translates the new Inventory Mapping to the existing data structure that has been coupled in the business logic so that the assurance of the new platform mapping to the legacy data model makes a ease of integration with time to production faster and reduce a cost on the migration project to major extent.

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**Clients :** Rx – Desktop, E2E inventory detail, RxLite & IVR.

**Product :** Common Desktop R2.1

**Team Size :** 14

**OS :** UNIX

**Software/** Webservices, TIBCO Bus service, XSD, Spring, Hibernate, DRL &MDB

**Technologies :**

**Period :** Dec 2012 to May 2014.

**Job Role :** Developed the high level design on alone on all of the 19 AUCs and project planned of different project RXPS & RX consists of 3000 hours.

With no KT, confidently took the leadership on this project and quickly grasped the architecture and adapted to the project.

Gentle & timely communication to the external systems (Ensemble & 1IP) and resolved the issue on the integration at the earlier stage.

XSD development to provide the interface for the upstream application and resolved their type generation on .net tool with inputs.

Assigned the tasks and enforced the usage of the design patterns on all of the AUCs.

Enforced the usage of the new tools for the status derivation and the narratives instead manual rules development.

Reviewed on each milestone on each AUC alone and kept the status on track and delivered on date.

Dedicated code review to get all of the code gets pass through satiny on all of the iteration released.

Log the review comments and re-reviewed the fixed comments before closing them on all of the phases.

**Clients :** Rx - Desktop & IVR.

**Product :** Common Desktop R2

**Team Size :** 5

**OS :** UNIX

**Software/** RCP Models, Webservices, XSD, Hibernate &MDB

**Technologies :**

**Period :** Jul 2012 to Nov 2012.

**Job Role :** Owned the Ticketing module on integrating the FEC ticketing process of CTL into Qwest Rx Desktop.

RX integration with two more new systems TRACS and One Remedy through web services.

Designed the new approach of integrating multiple transactions of Customer Records and Tickets of OneRemedy on single client transaction through JBPM.

JMS Queues and the rules integration to the existing framework with no impact to the current LQ ticketing.

Involved in effective discussion with the proper analysis of the webservice issue against different approach JAX-WB to pinpoint the issue on external system and resolved the issue with the proper solution.

**Clients :** Rx - Desktop & IVR.

**Product :** HFE 2.0

**Team Size :** 5

**OS :** UNIX

**Software/** Eclipse RCP, XSD,Drools IDE, EJB

**Technologies :**

**Period :** Mar 2012 to Jun 2012.

**Job Role :** Lead the July release on HFE2.0 on simplifying the questions through introducing rich UI events for reducing CHT.

Updated the framework request-response xml format through XSD changes for the new rich UI.

Converting the listed data to the event attached table form and notification on selected item to other view through observer.

**Clients :** HFE – Screeners.

**Product :** Android POC

**Team Size :** 1

**OS :** Windows

**Software/**

**Technologies :** Android, Webservice,JSON, HTTP

**Period :** Jan 2012 to Feb 2012.

**Job Role :** POC on android to integrate the product recognition and the outages on the customer services through RxPS.

Defined the prototype on the UI and injected the Rich UI of Lists and the selections

Successfully integrated the service exposed through Webservice and the JSON response representing the response xml

**Clients :** Rx – Mobile

**Product :** Sales Comp Integration

**Team Size :** 6

**OS :** UNIX

**Software/**

**Technologies :** EJBs/Weblogic, JSP, JavaScript, Web services, XML Beans

**Period :** Apr 2011 to Dec 2011.

**Job Role :** Lead the team on QIC integration with True Comp.

Supported the SAP data in addition to the CUID for the True Comp data integration.

Designed & monitored and guided with the proper code review on the new bulk load processes defined for the new domain bulk load process.

Introduced the new hierarchy and the teams for the CTL team into HM.

**Clients :** Sales Compensation – CTL BSS

**Product :** CEC Phase 3

**Team Size :** 6

**OS :** Unix

**Software/**

**Technologies :** EJBs/Weblogic, JSP, JavaScript, Web services, XML Beans

**Period :** Jun 2010 to Mar 2011.

**Job Role :** Lead the team on CEC Phase 3 release on migrating the CDT logic in AWT to the external vendor DS (Decision Solution) through web-service.

Weblogic upgrade to 10.3.

Technical solution on the critical issue on webservice (apex) integration with SFA. (Sales force automation) in organization level.

Vendor migration from Experian to DS.

**Clients :** CEC – Qwest BSS

**Product :** QIC -Sales Compensation

**Team Size :** 4

**OS :** UNIX

**Software/**

**Technologies :** EJBs/Weblogic, MDB, JSP, JavaScript, Sqlloaders and DB procedures

**Period :** Jan 2008 to May 2010.

**Job Role :** Lead the monthly deliverables. Well defined framework that monitors any request initiated and processes them with the help of the database packages.

Weblogic Upgrade from 8.1.4 to 10.3**.**

Convert the uncontrolled thread process to JMS through active session controlling.

Developed the completely enhanced module IRPITS with complex user input validation. Integrated IRPITS to the MCAR bulk load process with efficient analysis and design.

MCAR GUI simplifications by properly integrating the complex data transactions with Rich GUI.

Access controlling on specific web resources through HTTP filters.

Dynamic menu building on the complex hierarchy of sales compensation and dynamically controlled the views with respect to user roles.

HM integration from QCentral to SFA.

**Clients :** Sales compensation – Qwest BSS

**Product :** VFO (Web Virtual Front Office)

**Team Size :** 4

**OS :** Windows / Solaris

**Software/**

**Technologies :** EJBs/Weblogic, JSP, Struts, JavaScript, Core Java, XSL and ORACLE

**Period :** Nov 2007 – Jan 2008

**Job Role :** Enhancing the products with user friendly features integration adding user friendly JSPs and functionalities using business components EJBs.

Maintaining the E911 modules (Emergency enquiry on Telephone number in Intrado database)

Analysing the development technology should be used between the working applications with the interacting application system and implemented as per the requirement.

**Clients :** SBC, LMC, BS, Embarq (Both LSR and ASR Trading partners)

**Product :** VFO (Web Virtual Front Office)

**Team Size : 1**

**Name** : Updating the request xml data with response xml data.

**OS :** Windows / Solaris

**Software/**

**Technologies :** EJBs/Weblogic, JSP, Struts, JavaScript, Core Java and ORACLE

**Period :** November 25th, 2007 to December 10th, 2007.

**Job Role :** Update the request xml with the response xml data by introducing the oracle procedures with DBMS\_XMLDOM approach on the column type XMLTYPE.

Found the sequence transaction on updating the xml is not happened as the update call is made on session bean with other connection. Hence moved the logic of updating to JDBC and by calling the procedures within the same connection which created response xml for updating.

**Clients :** Embarq, AT&T Ebonding. (NONAsog)

**Product :** VFO (Web Virtual Front Office)

**Team Size :** 2

**Name** : Resolving “Out of Memory Issues” in VFO cluster environment.

**OS :** Windows / Solaris

**Software/**

**Technologies :** EJBs/Weblogic, JSP, Struts, JavaScript, Core Java and ORACLE

**Period :** October 5th, 2007 to November 15th, 2007.

**Job Role :** Involved in analyzing the memory usages of each transactions with the snap shots with the help of the memory analysis tools Jprobe 7.0 and Spotlight.

Moved the session persistence type from “replicated” to “jdbc” with the Weblogic required settings for the cluster environment.

Identified the listing Dao queries taking much time to execute and optimized the listing queries by changing the relation used from RightOuterJoin to Union.

**Clients :** ASR, LSR, E911 and TA modules.

**Product :** VFO (Web Virtual Front Office)

**Team Size :** 2

**Name** : Migration of VFO application from Weblogic 8.14 to 9.2.1.

**OS :** Windows / Solaris

**Software/**

**Technologies :** EJBs/Weblogic, JSP, Struts, JavaScript, Core Java and ORACLE

**Period :** March 3rd, 2007 to May 15th, 2007.

**Job Role :**

Upgraded the JSP with the removal of non formatted comments.

Upgraded the build scripts to compile and build the ear of the application with JDK 1.5.

Replaced the variables/attributes used with the name enum to usage purpose relevant name.

Added the java arguments for the DocumentBuilderFactory with the required implementation package factory.

Set the environment services manually (Creating the Datasources, JMS Servers) and generated the plan.xml for the Install Shield requirement.

Guided and documented the upgraded the application to other resources.

**Clients :** SBC, LMC, BS, Embarq (Both LSR and ASR Trading partners)

**Product :** VFO (Web Virtual Front Office)

**Team Size :** 2

**Name** : Download XML and View Xml components.

**OS :** Windows / Solaris

**Software/**

**Technologies :** EJBs/Weblogic, JSP, Struts, JavaScript, Core Java and ORACLE

**Period :** Jan 3rd, 2007 to Feb 15th, 2007.

**Job Role :**

(i) Every transactions of the respective order should be tracked. And for the reason the icon is provided in the history list jsp which does the action of zipping of the transacted xmls of the respective order and can be downloaded in the client machine. The naming of the xmls should be as per the order it received and if more than one similar transaction of the same pon and version is made, then naming conventions is wi th suffixing the running serials with pon/version/status if any.

(ii)The order transactions should be viewed in the form of xml from the history page of the respected order placed. Provided the jsp link to each bean info rows, which carries the order data info data id and with which the xml can be fetched and set back in the http response and can be viewed in the new pop up jsp.

**Clients :** SBC, LMC, BS, Embarq (Both LSR and ASR Trading partners)

**Product :** BRMS (Business Rules Management Systems)

**Project**

**Description** : Extended and External Validator to validate the static business

rules across multiple trading partners.

**Team Size :** 1

**OS :** Windows / Solaris

**Software/**

**Technologies :** EJBs/Weblogic, Core Java, XSL and ORACLE

**Period :** November 2006 to March 2007

**Job Role :** The only alone resource designed and developed the project with success implementation to the existing BRMS application.’

The project helps the BRMS application on less usage of the xom object memory used because of the removal of the static rules written in ILOG.

The static rules are created in the multiple tables on relation database structure on maintenance manner to support any number of trading partner of any number of rules version they support.

There is no code changes required in any layer of these rules usages as the dynamic parser with the caching transformer objects is used to parse the trading partner request xml.

The project uses the Linked hashmap for the reusable purpose and the self analysis on performance tuning is done by introducing the same behavior on recursive manner.

The project uses the xsl for transformation and the cache transformer for caching the xsl for memory usages and the caching of the database in linked hashmap is for the easy mapping XPath for the business rule validation.

The final error collection will be send back to the existing BRMS validation rule service session to include the static rule errors with the complex rules error written in ILOG in normal fashion.

The project can be used as the plugin just by sending the xml as the string and expecting the response from the validator as the Collection instance**.**

**Clients :** SBC, LMC, BS, Embarq (Both LSR and ASR Trading partners)

**Product :** BRMS – Adaptor Codes changes for two instance support. (ASR Receive Flow)

**Team Size :** 2

**OS :** Windows / Solaris

**Software :** EJB/Weblogic, ORACLE

**Period :** On going project, started on July 2003.

**Job Role :** Developing the Adaptor Codes used between the WIG application

and the BRMS application to behave as the remote call

on the Brms Rule service session to validate request xml.

Avoided complex and major code changes in the BRMS application to support

Dynamic error message generally generated from the database.

Tools developed for the DB scripts generation for the product support.

Developed xsl for the different error schema support for some specific trading partner key field with the development of EJB session bean to make the application to work on both customer and service provider instances.

**Clients :** SBC, LMC, BS, Qwest, Intrado, BroadWing etc.

**Product :** BRMS – (Setting the ILOG environment with the parameter setting with respective to the table existence of NC/NCI/SECNCI)

**Team Size :** 2

**OS :** Windows / Solaris

**Software :** EJB/Weblogic, ORACLE

**Period :** February 10th 2006 to March 5th 2005.

**Job Role :** Written the backend DAO approach to identify the table existence of NC/NCI/SECNCI and set the ILOG Parameter and the parameter is been used firing the rules as per the requirement.(Which tuned the performance of the rules as well as the rules loaded in the memory)

**Clients :** ASR, LSR Trading partner (BellSouth, Sprint etc)

**Products :** BRMS – (Optimizing the oracle query to support Supplement order xml in Exchange path database to identify the status of the order/order existence)

**Team Size :** 2

**OS :** Windows / Solaris

**Software :** EJB/Weblogic, ORACLE

**Period :** March 3rd to May 5th 2005.

**Job Role :** Written the new approach of identifying the order existence/order status of the given order on the request by parsing the xmltype of the respective order in the database for all kind of Supplement order check rule.

**Clients :** ASR Trading partner. (LMC, TimeWarner etc)

**Products :** BRMS – Backend core java and Technical Rule Development (Condor, LSR, ASR)

**Team Size :** 10

**OS :** Windows / Solaris

**Software :** EJB/Weblogic, ORACLE

**Period :** On going project, started on July 2003.

**Job Role :** Designing the ILOG repository.

Developing the ILOG complicated rules in TRL.

Solving the rule issues produced for the user interact application (VFO – Virtual Front Office).

Designing the Rule flow for the Rule Project.

**Clients :** SBC, LMC, BS.

# Personal Details

* Date of Birth : 09/09/1980
* Married
* Indian, Hindu
* **Father’s name**

Mr. Thangeswaran Tavasimani

Languages Known:

English, Tamil & Kannada.

* **Permanent Address**

Flat #208, A-Block, Green Elite Apartment,

St. Antony Church Road,

Mariyannapalya, Hebbal,

Bangalore - 560024,

Karnataka,

India.

I affirm that the information given above is true and correct to the best of my knowledge and belief.

**Jayachandran Thangeswaran**