**MANASA**  **+973 35150166**

 [**manasa.br7@gmail.com**](mailto:manasa.br7@gmail.com)

**JAVA – JEE (Technical Lead)**

**Career Highlights**

Over **10.5years** of experience in IT Industry with hands on experience as Designer and Programmer for multiple projects applied on Insurance, Banking, Telecom and Retail domains using Agile Methodology.

Design & Development activities related to implementations using MVC, JEE Reference Architecture (JRA) and JEE Connector Architecture(JCA) integrated with the Enterprise Information Systems (EIS).

Worked on Spring, Hibernate, Struts frameworks in Java/JEE web based applications,

AWT & Swing application using MVC architecture, Middleware applications using JEE/ TIBCO, JMS and Axway, mobile application using Android.

**Experience Summary**

* Hands on experience as Programmer and Designer for the numerous Enhancements, Design & Development along with the Integration activities in Java/JEE, Spring and JCA applications.
* Clear understanding in SDLC process with working experience in both Agile and Waterfall Methodologies
* Experienced in open source software development and configuration tools
* Clear understanding on different Domains like Insurance, Banking, Telecom and Retail.
* Experience in handling the estimations, deliverables and the work assignments with the team of 6-7 members for multiple requirements
* Involved in knowledge sharing programs
* Flexible and Capable of adapting to new Technologies quickly
* Excellent verbal and oral communication skills

**Technical Expertise:**

|  |  |
| --- | --- |
| **Languages/ Frameworks** | Java, JEE, JSF, JSP, SQL, Spring Framework- 4.0, Spring Batch- 3.0, Spring Integration- 4.0, Spring JPA, EJB-3, JavaScript, PrimeFaces, JSF, Spring Boot, Angular JS, Servlet, JSTL, AJAX, JSON, jQuery, XQuery, Struts, JUNIT, Hibernate, Swings, Log4j, JMX, SOAP, RESTful, Apache Ant, JMS, WLNG, TIBCO, Axway, C, C++, Socket Programming, XMLG, Android programming, iPhone programming, Objective C, HTML, XML, JWS, BPMN v2.0  Fair understanding on Groovy, Java Portal Communication Module |
| **Architecture** | MVC, JRA [JEE Reference Architecture] and JCA [JEE Connector Architecture] |
| **Software**  **& Tools** | JDK 1.3 - 1.8, RSA 8 [Rational Software], Clear Case, IBM WebSphere Application Server, Oracle WebLogic Server, Eclipse IDE, TIBCO Designer, Axway- Policy Studio, Apache Tomcat, DB2, Maven, Tortoise SVN, Lotus Notes, VSS [Visual Source Safe], Android Development Tool, Aqua Data Studio |
| Operating Systems | Windows 10, Windows 2000, Windows Xp, Windows NT, Mac OS X, iOS |
| Databases | DB2, Oracle 11g, MySQL, MS SQL Server 2000/5, SQLite |

# Key Customer Involvement:

|  |  |  |  |
| --- | --- | --- | --- |
| Client | Company | Key Modules | Duration |
| Ahli United Bank, Bahrain | Unity Infotech | Java, JSF, PrimeFaces, Spring Framework, XML, SOAP, Hibernate | March 5th 2018 – May 12th 2020 |
| 9Spokes, NZ | Covalense | Spring MVC, JSP, Angular JS, Hibernate, Spring Batch, Spring Quartz, Spring Integration, Node JS, MySQL, Tomcat Apache server | April 2015- November 2016 |
| Hutchison3G, UK | Wipro (via Covalense) | Java, JEE, WLNG, Axway product using Policy Studio, Web service, Oracle WebLogic Application Server, UNIX, TIBCO | March 2014 – April 2015 |
| Vodafone Hutchinson Australia[ VHA], Australia | Oracle (via Covalense) | JEE, JCA, JMS, JMX, Socket Programming, XQuery, XML | Aug 2013 – March 2014 |
| Multiple Clients | Covalense | Swings, Java PCM, JMS, MDB, Web Services, JWS | May 2013 – Aug 2013 |
| Succeed Partners, U. S | Covalense | Android programming, Google Maps Android API V2 | April 2013 – May 2013 |
| Multiple Clients | Innobuzz Knowledge Solutions | Java/ JEE | Dec 2012 – Mar 2013 |
| British Petroleum, UK | Infosys | J2EE architecture | Sept 2012 – Nov 2012 |
| State Farm Insurance, U. S | iGATE/ Patni | Implementation of JRA Framework in Java/ J2EE web based application on IBM WebSphere Application server | July 2010 – Sep 2012 |
| R2 Equipment Rental Software, Australia | UNIBIZ Software Solutions Private Limited | Desktop based AWT & Swing application using Java MVC architecture | Jan 2007 – May 2010 |

**Education & Certifications**

* Bachelor of Engineering in Computer Science
* Insurance certification – INS21 exam, August 2011
* Internal certification in Android programming, Spring, EJB, Hibernate
* Internal certificate for Knowledge Sharing on Technologies and Methodologies.
* PMI-RMP course completion certificate December 2019

**Professional Experience**

Project: Multiple

**Client : AUB, Bahrain**

Environment : Spring Security Framework, JSF, PrimeFaces, Hibernate, Tomcat apache server, MS SQL Server 2000/5(Aqua Data Studio)

**Description**

**B2B**

Developed some of the modules related to the B2B project like,

Payment Service provider for payment via Online web service calls and offline uploads of the wallet files for the Wallet Top-ups, Wallet payments and Wallet-to-Wallet transactions

Salary file generations which will be picked up by the scheduler task

B2B migration using latest version of PrimeFaces to use all the latest and flexible components

**CRTS**

Developed Customer Relationship Tracking System used for tracking the customer requests from the branch staff for multiple services like copy of statements, loan certificates, balance certificates, their fee and charges, unclaimed draft request, encashment of drafts, cheque book issuance

**CRTS Account Admin**

Developed an Admin Application to create all the users of the branch to have certain roles with their specific branch and entity.

**Java Utils:**

* Developed utility to generate an editable PDF forms for the collection of Account creation information by the customer through a system avoiding manual entries via paper documents
* Developed utility to clear the logs and compress into zip files and relocate the zip files from one server system to an another one in order to reduce the load in the actual server machines running the Production or UAT applications
* Developed utility to generate a campaign emails automatically sending across specific users

**Role**

As an Application Developer,

* Design, analyze, develop, test, debug and document test automation packs for multiple applications
* Developing the programming applications that support the goals of the organization according to the agreed standards and guidelines.
* Performed end-to-end testing.
* Provide inputs to technical specifications and prepared HLSD as well as LLD.

Project: 9Spokes

**Client : 9Spokes, NZ**

Environment : Spring Framework, JSP, Angular JS, Hibernate, Spring Batch, Spring Quartz, Spring Integration, Node JS, MySQL, Tomcat apache server

**Description**

9Spokes Application helps small business owners move their business into the cloud in a secure and cost-effective way, that frees-up resources, while providing real-time analytics and expert insights to help SMEs manage and grow their business.

<https://www.9spokes.com/>

A key part is the creation of a portal application called “Dashboard”. It is the first cloud integration product that enables clients to run their business online. It reduces the complexity of managing multiple cloud applications from one place and provides a dashboard powered by the data from their cloud applications which displays key metrics to help clients run the business on a day-to-day basis.

**Role**

As a Lead Developer,

* Developing the programming applications that support the goals of the organization according to the agreed standards and guidelines.
* Individually worked on the design and development of the application component like Billing which was Managing Customer Billing by generating Invoices/ PDF’s and an email attached with Invoice details in pdf format.
* Developed multithreaded based Billing component to test concurrent request.
* Performed end-to-end testing.
* Provide inputs to technical specifications and prepared HLSD as well as LLD.
* Managing the team of 6 members in requirement clarifications, development and delivering their modules on time.

Project: Three Network

**Client : Hutchison3G, UK**

Environment : Java, JEE, WLNG, Axway- Policy Studio, Web service, Oracle WebLogic

Application Server, UNIX, TIBCO, Tortoise SVN, Star Team, Flex Builder2

**Description**

EAI (Enterprise application integration) consists of 3API, XMLG and Adapters.

3 Application Programming Interface: Exposes 3’s Core Network Capabilities, Integrates Services with Partners <http://www.three.co.uk/>

E.g. Charging, Parlay-X Industrial Standard, and SOAP - Technology Independent Interfaces

The Available services are

1. Charging

2. Subscriber Profile

3. Location

4. Subscription

**3API:** is a technical enabler project, providing the software layer that “wraps” the various underlying network capabilities, transforming the network into a platform upon which services can be built. It is initially intended to support the 3UK and 3ROI networks, allowing those OpCos to build new services once, and deploy them simultaneously across

all the networks

**XML Gateway:** – Vordel API: Provides an API layer that augments web service abilities to support enterprise business requirements. It provides a mechanism to extend the life of legacy web services and APIs. Eliminates the need to modify legacy code base, where the original developers and or business knowledge may no longer exist.

**Adapters:** Adapters are the applications developed using TIBCO Adapter SDK, Java and required application libraries. It provides an interface for communication between J2EE containers based Application and other Hutchison 3G applications.

These adapters support EJB communication with the core application. In order to communicate with other

H3G applications over the TIB bus, adapter uses publish/subscribe paradigm. The Adapters listens to incoming messages from the TIB bus on TIBCO adapter SDK based listeners. The adapter resolves the JNDI name and makes corresponding call on the remote interface of the Enterprise beans.

**Role**

**Designer & Programmer:**

* Developing the programming applications that support the goals of the organization according to the agreed standards and guidelines.
* Involved in the development of 3API web services, XMLG and TIBCO adapters.
* Driven the release of multiple enhancement projects on XMLG, 3API and Adapters.
* Provide inputs to technical specifications and prepared HLSD as well as LLD.
* Managing the team of 8 members in requirement clarifications, development and delivering their modules on time.
* Taking up challenging tasks with innovative ideas used in development.
* Conducting sessions to share knowledge gained on new technologies with team.

**Technical Lead:**

* Participate in the high-level design planning and provide inputs about the development tasks involved, breaking them into deliverables.
* Provide high level hour estimates for development deliverables
* Help determine the number of resources required and participate in the selection of the team.
* Participate in the review and authorization meetings for the Design Phase deliverables.
* Drive the detailed technical, application design.
* Assign the work and delegate tasks as appropriate to team members.
* Responsible for compliance of their development team on the following
* Configuration Tasks
* Defect Prevention Tasks
* Technical compliance items
* Serve as the main point of contact for the project and other development leads.
* Responsible for establishing a build/development schedule for the development team
* Be accountable to the established dates on the build/development schedule.
* As a mentor, assist the team members with coding/testing/code reviews/guidelines on business and functional flows.
* Responsible for ensuring that the defects assigned to the development team are being worked upon as per the assigned priority.

Project: ASAP VHA Upgrade

**Client : Vodafone Hutchinson Australia [ VHA], Australia**

Environment : JEE, JCA, JMS, JMX, Socket Programming, XQuery, XML, Oracle Web Logic

Application Server

**Description**

The project upgrade from ASAP 4.6.3 version to ASAP 7.2 along with the ASAP NID Component including the end-to-end mapping of the service requests supported via the NID (Network Interface Daemon) downstream to the Network Elements vi ASAP.

The NID offers a Telnet based interface into ASAP that emulates an Ericsson HLR and other EIS with the security enhanced for Users.

The NID component in this project communicates between External Information Systems (EIS) and ASAP, by translating the formats read by these systems. This middleware component is responsible for translating incoming Man-Machine Language (MML) commands from different EIS to an ASAP format to Create/ Update/ Query service orders, and again translating the response format back from ASAP to an MML.

**Role**

**Designer & Programmer:**

* Individually worked on the design and development of the NID component.
* Developed multithreaded based NID component to test concurrent request.
* Performed end-to-end testing.
* Participate in the Analysis and Design planning to provide inputs about the development tasks involved, breaking them into deliverables.
* Provide high level hour estimates for development deliverables.
* Prepare HLD, LLD and UAT scenarios.
* Support during the UAT and live testing.

Project: Telco in a Box – A Pre-Integrated Oracle Comms Products Stack for SMBs

**Client : Multiple Clients.**

Environment : JMS, Message Driven Beans, XML, Web Service SOAP, Oracle Web Logic

Application Server, ASAP (Oracle Communications Automated Service Activation

System), Java-PCM, Oracle BRM

**Description**

Telco-In-a-Box is a pre-packaged OSS and BSS solution helping Small and Medium Telcos to quickly launch their mobile voice and data services. The architecture consists of Oracle BRM (for order processing, billing and inventory management), PDC (for product configuration), Oracle ECE (for convergent charging), OCMC & OCOMC (for online offline mediation) and ASAP (for activation).

The custom middleware integration solution by Covalense integrates different systems and gives a pre-packaged solution that can be deployed with no or minimal number of customizations in a very shorter timeframe. The middleware is responsible of transforming and sending the activation request XMLs to ASAP JMS queue. It is also responsible of transforming and communicating the ASAP response XML to BRM and updating the order status in BRM by calling a BRM web service.

**Role**

* Working on the design and development of a JMS and XSLT based generic middleware transformation solution which is used for the communication between OBRM and ASAP. Extended BRM customer center by designing and developing a Java Swing based tabs for Trouble Ticketing [TT] module facilitating the creation, modification, assignment, and closure of the service requests.
* Developed APIs in Java PCM, which is used to communicate to BRM Connection Manager.
* Worked on JWS to launch BRM Customer Center through internet browser.
* Participate in the Analysis and Design planning to provide inputs about the development tasks involved, breaking them into deliverables.
* Provide high level hour estimates for development deliverables
* Prepare HLD, LLD and UAT scenarios.

Project: Medical Waste Management System Support

**Client : Succeed Partners,** U.S

Environment : Android SDK, Android Developer Tool, Android Device

**Description**

Service Provider for Medical waste disposal services, protecting people and the environment from the risks associated with biohazards.

Tracking system that monitors the whereabouts of waste, and from that moment, a qualified driver picks up the waste until it is rendered noninfectious using the mobile device MWMSS application showing the optimized route for the given set of waypoints from source to destination.

[www.covalense.com](http://www.covalense.com)

**Role**

* Analysis and Design of the requirement.
* Estimation of the project module development completion.
* Environment setup for the Android project including Android Development Tool software installation and generating Android Key for Maps Android API V2 from Google Console.
* Worked on Google Maps Android API V2 for finding the routes around the given waypoints from the source to the destination for collecting the Medical disposal wastes from different places.

Project: Java/J2EE

**Client : Innobuzz Knowledge Solutions**

Environment : Eclipse, Oracle 11g, Windows XP, J2EE, Oracle 11g,

**Description**

Innobuzz has grown from a Information Security Training Startup in 2007 to a Multi-National Information Security Training Brand with extensive reach in South East Asia. Innobuzz is headquartered at Delhi with Strong presence in Australia, United State of America & Canada, apart from many other countries. The main activity of Innobuzz is providing training on Info. Security, which is delivered to its audience all over the world via CBTPs, Onsite Training Programs & company owned learning centers.

<http://www.innobuzz.in/>

**Role**

* Responsible for creation of Advance Java and JEE technologies with code demos through video format.
* Prepared practical code demos which included the latest version of all Advance Java and JEE technologies project having code explanations in videos as a software product. The project included EJB, Spring, Hibernate, JMS, JSP, Servlet, JDBC, SQL, PL/ SQL, JNDI, Struts, ANT, Web Servers, JUnit, JEE Design Patterns. .
* Played major role in enhancing the project by collecting efficient concepts from different websites related to Java latest technologies.
* Giving seminars on Latest Java/ JEE technologies along with live discussion on the topic.
* Conducted live Webinars on the latest Java/ JEE Technologies.
* Preparing the assignment problems on JEE Technologies.

Project: Risk Analysis and Oil Trading

**Client : British Petroleum, U.K**

Environment : Eclipse, Oracle 10g, VSS [Visual Source Safe], Windows XP, J2EE, Oracle 11g, Web Logic application server

Project Timeline: Sep’ 2012 to Nov’2012

**Description**

Project was based on Risk Analysis and Oil Trading in J2EE. Crude Oil futures are standardized, exchange-traded contracts in which the contract buyer agrees to take delivery, from the seller, a specific quantity of crude oil (eg. 1000 barrels) at a predetermined price on a future delivery date. Consumers and producers of crude oil can manage crude oil price risk by purchasing and selling crude oil futures.

**Role**

* Participate in the high-level design planning and provide inputs about the development tasks involved, breaking them into deliverables.
* Provide high level hour estimates for development deliverables
* Help determine the number of resources required and participate in the selection of the team.
* Participate in the review and authorization meetings for the Design Phase deliverables.
* As a Technical Lead, assist the team members with coding/testing/code reviews/guidelines on business and functional flows.

Project: CITA [Corporate Income Tax Automation]

**Client : State Farm Insurance**

Environment : Struts - 1.2, EJB – 2.0, JEE Design patterns, JSP, JSTL, JavaScript, JUnit, HTML, SQL, AJAX, JSON, jQuery, DOJO, Spring- 3.0, Hibernate, JDK 1.6, RSA 8 [Rational Software], Clear Case, IBM WebSphere Server, DB2, Maven, Tortoise SVN, Lotus Notes, VSS [Visual Source Safe], 11g R2 (11.2.0.3)

**Description**

Corporate income tax automation project was started to move from a paper and excel based tax processing environment to an automated electronic tax processing system. Some of the primary objectives of this project are to improve efficiency of tax data collection and documentation process, improving tax audit results, avoiding tax penalties by filing accurate tax returns using electronic information, better internal control over source of electronic data and to provide greater reporting flexibility using ad-hoc reporting mechanisms.

The Corporate Tax Processes will include setup screens/tables, review/add/modify screens, batch jobs, audit tables, ad hoc reporting, work paper creation, and query capability.

The project will automate the collection and flow of investment income data into a newly automated tax process that prepares the data for import into the tax preparation product.

[www.statefarm.com](http://www.statefarm.com)

**Role**

**Designer & Programmer:**

* Involved in design, development, enhancements and Implementation of JRA Framework in J2EE web based application.
* Taking up challenging tasks with innovative ideas used in development.
* Conducting sessions to share knowledge gained on new technologies with team.

**Technical Lead:**

* Participate in the high-level design planning and provide inputs about the development tasks involved, breaking them into deliverables.
* Provide high level hour estimates for development deliverables
* Help determine the number of resources required and participate in the selection of the team.
* Participate in the review and authorization meetings for the Design Phase deliverables.
* Drive the detailed technical, application design.
* Assign the work and delegate tasks as appropriate to team members.
* Responsible for compliance of their development team on the following
* Configuration Tasks
* Defect Prevention Tasks
* Technical compliance items
* Serve as the main point of contact for the project and other development leads.
* Responsible for establishing a build/development schedule for the development team
* Be accountable to the established dates on the build/development schedule.
* As a mentor, assist the team members with coding/testing/code reviews/guidelines on business and functional flows.
* Responsible for ensuring that the defects assigned to the development team are being worked upon as per the assigned priority.
* Responsible for ensuring service involvement in development activities

**Configuration Manager:**

* Involved in taking backup of important documents related to project from VSS [Visual Source Safe] and maintaining the same by granting respective access to each of team member as an admin.
* Taking backup of all Project related documents and checklists.
* Grant access to all team members with Check-in/Check-out/Add/Update/Delete right access for all folders or specific folders/files.

**Defect Prevention Representative**

* Logging defects in iGATE Intranet.
* Generating Report with all defects logged in iGATE Intranet.
* Preparing power point with slides having Defect Pareto charts and conducting DPR meeting

**Achievements in iGATE:**

* Received Pat on Back award in June 2011.
* Received Pat on Back award in October 2011
* Received innovation award in November 2011.
* Passionate award for conducting Technical session
* Received customer appreciation mails for module developed in October 2011.
* Cleared internal certificates on trained technologies in iGATE.
* Cleared Insurance certification – INS21 exam in August 2011.

Project: R2 – Equipment Rental Software

**Client : UNIBIZ Software Solutions Private Limited**

Environment : Eclipse 3.2 Ganymede, Oracle 10g, VSS [Visual Source Safe], Windows Xp

Core java, Swings, SQL Oracle 10g

Project Timeline : Jan’ 2007 to May 2010

**Description**

R2 is enterprise business software for medium to large sized rental companies. With its superior features, R2 seamlessly integrates with all aspects of the business from customer relationship management to accounting integration.

R2 goes beyond operational efficiency - it provides management the ability to drive revenues and profits, making it the only application that can claim to be "business ware". Built using future-proof technology, R2 is the only multi-site application that is designed to grow in functionality as your business needs increase, as well as scale effortlessly as your organization increases in size.

<http://www.unibiz.com/r2/r2.html>

**Role**

* As a Software Developer provided technical leadership
* Participated in the full product development lifecycle.
* Analysis, Design and development of the software product.
* Designed and Implemented new features for the existing Product using MVC design pattern.
* Write/ Review: - architectural/ technical specifications. Conduct code reviews & mentor junior members of team.
* Contribute ideas toward the enhancement and/or modification of designs to improve product.

**Personal Details:**

**Name** : Manasa B R

**Date of Birth** : 07th March

**Nationality** : Indian

**Educational Qualification** : B.E (C.S.E)

**Passport No** : N3913322