**RADHA RANI B**

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**PROFESSIONAL BRIEF:**

* Over 8 years of work experience in Java/J2EE applications mainly in user interaction, Coding, Testing, requirement gathering, systems analysis, design and development.
* Expertise in developing both Front End and Back End applications using **Java, Servlets, JSP, JSF, AJAX, Web Services, JavaScript, HTML.**
* Expertise in designing, developing multi-tier applications using Java, **J2EE, Servlets, JSP, Custom tags, JSF, Struts, JDBC, MVC, JavaBeans, JavaScript, XML, JDBC, Web Services**.
* Expertise in developing and consuming Micro services, Web Services including different technologies and standards like SOAP/UDDI/WSDL, RESTful, JAX-WS.
* Strong exposure working with J2EE design patterns like MVC, Front Controller, Singleton and Data Access Objects, Data Transfer Object (DTO), Session Façade, Service Locator and Singleton.
* Extensively worked with frameworks like **Struts, Spring MVC**
* Worked extensively with Application Performance Monitoring tools (APM) – **Dynatrace**, Splunk, BMC EUEM
* Developed, Configured and Deployed a variety of Java/J2EE applications. Expertise in Core Java (Spring, Spring batch, Maven, JSP, Servlet, JDBC, JUNIT, Log4J, JIRA, JNDI, Java Design Patterns and Object-Oriented Programming concepts (OOP).
* Worked with ANT Builder and **ANT/Maven/GIT** for the application building.
* Experience in using **log4J** for application logging purposes.
* Strong experience in Configuration tools like **VSS, CVS**
* Experience on various **application server** platforms and their supporting tools (Web logic, J boss and WebSphere etc.,)
* Sound knowledge in database (**RDBMS**) designing and programming. Extensively worked on Oracle 9i/10g, DB2, MS SQL Server […] RDBMS. Hands on PL/SQL, scripting using Stored Procedures, Packages, Cursors, Triggers, Functions.
* Experienced in using Integrated Development environments (IDE'S) like **Eclipse**, **NetBeans and JBuilder**, **Edit plus**, Notepad plus.
* Experienced in Documentation and Production support.
* Experienced excellency in Client Interaction, responding to client questions, problems and work requests.
* Experience on validating data from the database using DML, DDL Statements,
* Good knowledge on View, Materialized View, Triggers, Packages, Joins
* Experienced in all stages of Software development life cycle(SDLC) of projects.
* Experienced using **BMC Remedy ITMS** system – Incident, Problem, Knowledge.
* Thorough understanding of a customized Web Application system from business process, cross functional and integration viewpoints. In-depth knowledge in configuration, implementation and gathering user requirements.
* Excellent analytical, organizational, interpersonal skills, Identification and negotiation for Business and Technology requirements.
* Exposure to **Financial Services, Manufacturing** domains.

**Certifications:**

(310-055) SCJP 5.0 Sun Certified Programmer for the Java 2 Platform, Standard Edition 5.0

**Project Experience**

**Client: Cisco Systems Inc, San Jose May’16 to Jan’18**

**Project: Cisco eStore**

**Designation: Java Developer**

Cisco eStore Application is an application where cisco users can order software’s/servers online. This application helps user to order software selected from the menu tab and fill in the basic details needed. Once the details are submitted, order is placed. After the required approvals are established, user would be able to use the software. Here the software could be a VM in the Data center or a simple Paint application.

**Responsibilities:**

* Developed the user interface screens, database design changes and changes to user access modules.
* Modified and migrating existing applications for fine-tuning and performance improvements
* Written SQL queries, stored procedures modifications to existing database structure as required per addition of new features.
* Extensively developed supporting Java Beans Components.
* Developed use case diagrams, class diagrams, database tables, and mapping between procedure results set and object-oriented java objects
* Used Log4J API for logging and debugging.
* Implemented and consumed web services.
* Written test cases and done Unit testing
* Used Spring framework for dependency injection and integrated it with Hibernate to increase more dependency on Object based development
* Used Spring DAO to interact with database using JDBC template
* Configured different layer (presentation layer, service layer, persistence layer) of application using Spring IOC and maintained the Spring Application Framework’s IOC container.
* Designed and Developed Module based persistence layer under the guidance of DAO design pattern, ORM principles, using Hibernate.
* Consumed various SOAP and REST web services related to Partnerships and deals.
* Done performance analysis on the code and carried out code refactoring on the existing code
* Involved in the complete Lifecycle of development, testing and deployment of application.
* Developed automation scripts using Selenium WebDriver, Eclipse, Java
* Participated in meetings regularly and post production support.

**Environment:** **Java, J2EE, Linux, IBM Web Sphere Application Server, Spring MVC, Web services, REST, Maven, Java Script, Spring IOC, Spring AOP, HTML5, CSS3, MySQL, JUnit, GIT, Eclipse, Log4J, Agile/Scrum Methodology, SOAP**

**Client: Cisco Systems Inc, San Jose Apr’13 to Apr’16**

**Project: End 2 End Monitoring Portal**

**Designation: Java Developer**

E2E Monitoring portal provides application monitoring data for many internal and external applications in Cisco.

This portal gives the snapshot of application’s health by data feed coming from monitoring tools like Gomez, DBCAM and ITCAM. Individually Dynatrace data represents User Experience, DBCAM measures data bases health for each application and ITCAM represents JVM health. This portal helps in resolution of performance degradation and availability issues.

Based on the statistics of the portal, application and support teams focus on the improvement of their applications. This application is developed using java as front end and oracle as back end, with primary focus on business logic at back end.

Have worked on development/Support of few reports for CISCO

**Responsibilities:**

* Used JSP pages through Servlets Controller for client side view.
* Created JQuery, JavaScript plug-ins for UI.
* Implemented Normalization report for E2E monitoring tab that has the application health pre-release and post-release using Struts and Materialized View.
* Prepared Usage report and application’s availability report for the portal E2E using Struts, jsp, css, jquery
* Working experience in using Oracle 10g backend Database.
* Involved in data cleanup for monitor related data tables and handling multiple monitor id’s across tables.
* Maintained drilldowns for Response time when clicked from Page and Response time drilldown when clicked from location.
* Implemented the CR to get the object level drilldown from Page Summary reports from existing packages.
* Always used the best practices of Java/J2EE to minimize the unnecessary object creation.
* Proper garbage collections of un-used objects, minimize database calls, and optimize queries to get better performance of application.
* Created Test cases and tested the application thoroughly.
* Performed Unit testing, Performance/ load testing using JUNIT.
* Conducted user acceptance testing and go-live activities; Monitor post go-live activities.
* Implement RESTful web services with the Struts framework.
* Used JMS Queues to develop Internal Messaging System
* Deployed in Web sphere Server.
* Ensured there is transfer of knowledge to the rest of the team always. Created and kept documentation current on all applications supported.
* Have maintained all the docs related to E2E, Dynatrace onboarding, Normalization ppt’s, KT documents, Flex reports in Cisco docs. Cisco docs is the documentary repository tool within Cisco.
* Prepared standardized performance reports that include Normalization reports, QE/ME reports.
* Prepared any adhoc reports/requests that were requested by the client.

**Environment**: Java, Web Services, SQL, MS PowerPoint, MS Excel, MS Word, MS Office

**Client: SBI , Chennai Jun’09 to Mar’13**

**Project: Inward Remittances& Reporting (IRR)**

**Designation: Java Developer**

SBI provides an enterprise Portal for customers to transfer funds across the world to India.

This is a web-based service that can be used by customers having bank account in rest of the world (US, UK, MiddleEast) to India supporting different credit modes like Direct Credit, RTGS and NEFT.

SBI has almost 7 products distributed across the world and each has its own specific functionality in the way the remittances occur by dealing with the Nastro and Vostro Accounts.

State Bank of India – Global Link Services (GLS) intends to provide an inwards remittance service to the NRI population in the United Kingdom (UK) & USA. The facility to send remittances to India will be a web-based service that can be used by customers having a bank account in any of the US/UK based bank providing third party payment facility over internet banking. The remitter will fund the transaction by making a third-party money transfer from his bank account to GLS account in SBI London branch. GLS will then credit the money to the designated beneficiary in India after converting to the equivalent Indian Rupee form UK. In USA, this happens through Automated Clearing house (ACH). The destination accounts may be SBI or Non SBI bank accounts.

SBI also has other products like RR, FCNR, SWIFT, IRC and MT103. Have worked in various components, Frontend Back End & Work Flow Routines across various products during my tenure at TechM. Started as a Software Engineer and have raised to the role of Team Lead in SBI Inward Remittances Project.

**Responsibilities:**

* Business Requirement Gathering & document the process flow documents like business requirements document (BRD).
* Understanding of Inward remittance system from business process, cross functional and integration viewpoints to analyze and prepare functional Specification documents for enhancements and new developments.
* Used Waterfall Development Methodology for application development.
* Used Spring Dependency Injection to inject required services.
* Implemented Spring MVC Framework.
* Used Spring AOP for the transaction management and logging.
* Wrote hbm mapping files and POJO classes to map database tables with java objects.
* Created an XML configuration file for Hibernate - Database connectivity.
* Created connections to database using Hibernate Session Factory, using Hibernate APIs to retrieve and store data to the database with Hibernate transaction control.
* Implemented persistence layer using various features of Hibernate framework like HQL queries, Criteria etc.
* Maintaining traceability matrix that has UTC, LLD, BRD, FSD, HLD, STC references.
* Developed web pages using JSP, HTML and JavaScript. Used JS validation at Client's side. Involved in Sever side validation based on the Business rules
* Worked parallel over releases to clean up code and make performance improvements to the application.
* Configured Hibernate objects as Spring Beans in the Spring Configuration File.
* Configured the Hibernate configuration files to persist the data to the Oracle 9i/10g Database.
* Documented all stages of the project, generated documentation using Java API Documentation Generator(Javadoc).
* Used SQL Developer, TOAD as tools in building the application
* Wrote the SQL queries for pulling up the data from the database, experience in working most of the SQLfunctionalities like joins, unions and other aggregate functions.
* Experience in working with WebSphere Application Server, for deploying the application and command levelinterface.
* Preparing LLD, Unit Test Case documents in line with functional requirements.
* Development of Holiday Modules, Transaction tracking Report, Registration Approval Module and Email Sending
* User Management module for adding, editing and deleting of users.
* Handled CR for login module for encryption standards
* Involved in converting Double values to Big Decimal for all the reports in the project.
* Carried out bug fixing by rigorous testing using JUnit test cases.
* Configuration of Onsite-Offshore model at client’s place and mentored client with IT concepts Prepared slide decks for user-training. Updating slides with changing requirements for completeness and tracking project scope is met throughout change management.
* Hands on experience on IBM WebSphere 6.0 for deploying the applications in Stage and Prod environments.
* Resolved deployment issues on the fly during production deployments.
* System and Integration testing of the entire project after deployment of CRs.
* Participation in Disaster Activity drills.
* Used VSS for version controlling, check-in, check-out and labeling of files.
* Creation of VASTRO/NASTRO Accounts for testing purpose and data migration from prod to dev/stage for testing.
* Effort estimates of components and task allocation for the team.
* Maintaining MOM's and project progress by tracking individual progress.
* Tested the access levels for users on the development server and transported the settings onto the testing server for user testing and confirmation, and transported into the production server after user confirmation

**Environment:** Java 1.4.2/1.5,Design Patterns, JSP, Servlets, JDBC, Spring MVC, Oracle, PL/SQL,Toad9.x,SQL Navigator, Hibernate, Eclipse, Oracle(9.0/10g), IBM WebSphere 6.0, Ajax , ,VSS, Unix, HTML, Winmerge, Apache Tomcat, Microsoft Office, MS Word, Excel

**Professional Training & Workshops Attended**

* 16 hours of Agile training
* Workshop on Banking domain related to inward remittances
* 50 hours of Selenium training

**EDUCATION**

Bachelor of Technology in Electronics & Communication