**K Shylaja**

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**Senior Java/J2EE & Full Stack Developer**

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**PROFESSIONALSUMMARY**

* **Over 8 years** of experience in delivering enterprise solutions in multiple domains like Finance, Telecom, Insurance, Health and other related domains. Expertise in conceptualizing, designing and coding technical solutions using Java/J2EE and UI technology stacks to satisfy peculiar and complex business problem statements.
* Experience in working with various Software Development Life Cycle (**SDLC**) methodologies based on **Agile, Scrum, Waterfall Model, and Iteration.**
* Expertise in design and development of various web and enterprise-level applications using Java/J2EE technologies such as **Spring, Hibernate, EJB, JPA, JSF, Struts framework , Servlets 3.x.**
* Developed the Spring Features like **Spring MVC, Spring DAO, Spring Boot, Spring Batch, Spring Heroku, Spring Security, Spring Integration, Spring Zuul, Spring Eureka, Spring Netflix, and Spring Hystrix**.
* Extensively used different Tag Libraries like **JSF Tags, Struts Tags, JSTL, Spring Tags, Spring EL, and Display Tag.**
* Experienced in Middleware persistence framework like Hibernate/JPA Entities for mapping Java classes using **Hibernate Query Language** (HQL), HSQL Named Queries, Criteria, and Projections.
* Experienced in UI frameworks such as **JQuery, Ajax, Google Web Toolkit (GWT), JavaScript, NodeJs, ReactJs, BackboneJS, AngularJS, Tag Libraries, and Custom Tags.**
* Experience in Client side validations using **AJAX** in **NodeJs**,**AngularJs**,and dashboard reports using **BackboneJs.**
* Experience in Full stack UI technologies using **GruntJs, Gulp Server, Yoman** generator for Angular.
* Experience in using inbuilt and custom **AngularJs directives**, **filters** to add functionalities to the web page elements.
* Expertise in **XML** technologies such as **DTD/Schemas, DOM, SAX, XSLT, XPATH, Castor.**
* Strong understanding of **Micro services** patterns- **Circuit Breaker**/**Hystrix, DDD, Aggregator, and, Proxy Chaining.**
* Experienced in Distributed Transaction Management system with **Spring JTA** based on **Atomikos** and **Bitronix.**
* Responsible for support and maintenance of batch jobs, implemented **Spring batch** for over **1million transactions.**
* Experienced in working with **Spring JDBC** Templates, **JMS** Templates, **Spring EAI, and Spring Rest Templates.**
* Hands on experience in **Amazon Web Services (AWS)** provisioning and good knowledge of **AWS** services like **EC2, S3, Elastic Beanstalk,ELB(Load Balancers), RDS, VPC,** Direct Connect, Route53, Cloud Watch, Cloud Formation, IAM, SNS.
* Configured **AWS Identity and Access Management** (IAM) Groups and Users for improved login authentication.
* Experience with **Docker** containers,leveraging Linux Containers and AMI’s to create **Docker Images/Containers.**
* Experience with messaging systems like **Kafka, and Kafka event sourcing.**
* Developed applications using latest technologies like **EJB3.2, Spring 3.x/4.x,Hibernate3.2/4.x, and REST based Web services (Axis2.0.JAX WS 2.0, JAX RS), Rule Engines (Drools4.1, ILOG), JBPM tools.**
* Experience in implementing Java EE design patterns such as **MVC, Singleton, Factory, Adapter, and Service Locator Session Façade, DAO, DTO, Business Delegate** in the development of Multi-Tier distributed Enterprise Applications.
* Experience in configuring and deploying the application into **Tomcat, WebSphere, WebLogic, WebSphere Servers.**
* Experienced in developing UNIX shell scripts for batch processing, **Perl** and **Python** scripts.
* Experienced in **Splunk Log Management** Creating dash boards, monitoring, reporting, Email Notification to Users for threshold limit.
* Ex**perienced in developing complex PL/SQL queries, procedures, Triggers, Stored Procedures, Packages and Views in various database such as Oracle, DB2 and MySql.**
* Experience in working with **NoSQL,** databases like **MongoDB,** and **Cassandra.**
* Experience in using different version controlling/tracking systems **CICD-ANT, MAVEN, GRADLE, JENKINS, HUDSON, CVS, GIT,** and **GITHUB.**
* Involved in **BPM** (business process management) tools like **JBPM** and **Adobe LiveCycle.**
* Experience in JUnit frame work with **Mockito, Easy mock,** and **Cucumber**.
* Experienced in Development, testing and deployment of enterprise applications on Windows and UNIX platforms using IDE’s such as **Eclipse Rational Application Developer(RAD), NetBeans,** and **intellij 14.x/15.x**

**Technical Skills**

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| **Languages** | **Java JDK 1.4/1.5/1.6/1.7 , C, C++, SQL and PL/SQL** |
| **Java/J2EE Technologies** | **Java Networking, Multi-threading, Applets, AWT, Servlets, JSP, JSTL, JDBC, JNDI, JMS, JTA, Swing** |
| **Databases** | **Oracle 8i/9i/10g/11G,DB2,, MySQL, SQL Server 2000/2005/2008** |
| **IDE/Development Tools** | **Eclipse 3.x,IBM WSAD, IntelliJ, NetBeans, JBuilder** |
| **Frameworks** | **Struts 2.x/1.x, Spring 3.x/2.x, Hibernate 3.x,JSF 1.2/2.0,iBatis,Flex** |
| **UI Frameworks** | **JQuery, AngularJS, Bootstrap.** |
| **Operating Systems** | **Windows, Linux and Unix** |
| **Methodologies** | **Agile, Scrum, RUP, TDD, OOAD, SDLC** |
| **Design Patterns** | **MVC, DAO, DTO, Front Controller, Session Façade, Business Delegate, Observer, Singleton, View Helper** |
| **Web/Application Servers** | **Oracle/BEA Weblogic 8.1/9.1/10.3, IBM Websphere 5.1/6.0/6.1/7.0, JBoss, Tomcat 5.0.28/6.0,Bug tracking.** |
| **XML Technologies** | **HTML, DHTML, CSS, JavaScript, XML, XSD, XSLT, JQuery, Xpath, DTD and AJAX** |
| **Build Tools** | **ANT, Maven, Gradle** |
| **Web Services** | **WSDL, UDDI, SOAP, REST, Restful, JAX-WS, JAX-RPC, JAX-RS** |
| **Version Controls** | **CVS,SVN,GIT** |
| **Testing Tools** | **JUnit, JMeter, Html Unit** |

**Professional Experience:**

**Client: Federal Home Loan Bank, Dallas, TX**

**Duration: Jan 2016 to till date**

**Role: Sr. JAVA/J2EE Developer & Full Stack Developer**

**Description:** A primary benefit FHLB application is access to low cost secured borrowings, known as advances, which are funded by the FHL Banks in the capital markets from the issuance of discount notes or term debt, collectively known as consolidated obligations (COs).FHLB is an unsecured credit internal application used to calculate the fund which is given to the customers.

**Responsibilities**:

* Actively involved in Analysis, Design, Development, System Testing and User Acceptance Testing. Followed **Agile** methodology in the Scrum Cycle model.
* Involved in developing **Thread** safe blocks for **multithread** access and distributed transactions management
* Created and injected **spring** services, controllers and DAOs to achieve**dependency injection.**
* Heavily used **spring inheritance, Auto-wiring, Core Container, Security, AOP,ORM Modules as part of migration.**
* Used a **Microservice** architecture, with **Spring Boot**-based services interacting through a combination of **REST** and **Apache Kafka** message brokers.
* Developed **Microservices** using **Spring MVC, Spring Boot, Spring Cloud, Spring AOP, Dependency Injection**.
* Implemented **SOA** to develop **Spring RESTful/Micro services and implemented Spring Eureka, Netflix, Ribbon as part of Services Discovery** using **Apache Axis** .
* Used **SOAP UI, Postman, Rest Client, Spring Mock MVC, Spring 4Junit** for testing the web services.
* Deployed **Spring Boot** based microservices **Docker container** using **Amazon EC2 container** services and using

AWS admin console.

* Used Amazon Web Services (**AWS**) like **EC2,S3,Cloud Watch** and **Elastic Bean Stalk** for code deployment .
* Upgraded **Spring Rest Controllers** and service classes to support migration to Spring framework.
* Designed and developed the UI using spring view component **HTML 5, CSS 3, Bootstrap and AngularJS**, DOM loading and cross bowser compatibility.
* Extensively used **Angular JS/Ionic directives, filters, service, bootstrap** to support desktop, mobiles versions.
* Created custom Angular JS directives to implement some of the specific functionalities.
* Used **JQuery/JQlite** to created dropdowns, status, progress and menu bar and other drag and drop component.
* Developed various generic **JavaScript, Angular Functions** to implement client side validations.
* Developed applications to asses **JSON** and **XML** from Restful web services from consumer side using AngularJs.
* Experience in building **Web service** contracts in **SOA Service Manager, orchestration, Performance tuning**.
* Implemented **Spring Circuit breaker** pattern, integrated **Hystrix dashboard** to monitor **Spring Microservices**.
* Developed quality code to **Scala** coding standard and best practices.
* **Used PL/SQL** stored procedures for applications that need to execute as part of scheduling mechanism.
* Utilized Java Swing framework to develop client side components.
* **Used Toad to interact with oracle data base, performance tuning db execution plans**.
* **Heavily used joins stored procedures, views, Unions in Oracle data base to fetch the data.**
* Developed Applications using **Rules Engines, JBoss Drools** 4.x, **Work flows, Human tasks** to implement business rules validations and provided Drools Dashboard for business users.
* Extensively used **Hibernate Relational mappings (One –To-Many, Many –To-Many)** in the secondary project.
* Extensively worked on **Hibernate Cache, Query, Criteria and Transactions** in secondary project.
* Worked on creations of customer **Docker** container images, tagging, pushing images ,integration of Spring boot
* Created the **Docker containers** and **Docker consoles** for managing the application life cycle.
* Worked with the Node package manager (NPM) along with **Karma, Jasmine, Grunt** and **Bower** for test build.
* Worked on Proof of Concept for developing application using **Node JS with react JS**.
* Used **Maven** as build dependency management tool for creating **EAR,WAR** and **JAR** file to be deployed in application servers and integrated with **SVN, Jenkins, Jenkins jobs**.
* Worked on integrating **GWT (google web tool kit)** for generating the java script files for reporting the high frequency of usages of functionality in mini-pie chart.
* Resolved bugs/defects in application by coordinating with team members of the project to assure a positive outcome using **JIRA**.
* Used **GIT** as version management, Jira for defect management system.
* Performed UI testing and front end testing using **Selenium.**
* Developed test case and performed unit testing using **JUnit**.

**Environment: Web Services, Spring 4.x, Hibernate 4.x, HTML5, JSP,JavaScript**, **JQuery, AJAX, GWT,CSS3, Angular JS, ReactJs, SOAP UI, XML, WSDL, Java1.7, J2EE,Scala, Kafka, Adobe LiveCycle ES4,Agile Methodology, JIRA processes, GIT, Design Patterns, PL/SQL, Junit, WebSphere MQ, Maven, Eclipse IDE, CVS and Oracle 11g.**

**Client: Staples, Framingham, MA**

**Duration: May 2014 to Dec 2015**

**Role: Sr. JAVA/J2EE Developer**

**Description:** Staples mainly focuses on developing a Retail application for the Staples Incorporation for sellingproducts such as printer, scanners, floppy, office accessories, sheets etc. The motive of Staplesis to provide quick service to the consumer who needs quick purchase of office accessories both in lesser and bulk quantities. Generation of internal feeds like Coupons, Rebates and Campaigns are additional challenges. It requires technical expertise as well as domain knowledge.

**Responsibilities:**

* Developed the **J2EE** application based on the **Service Oriented Architecture.**
* Used **Design Patterns** like **Singleton, Factory, Session Facade and DAO.**
* Developed using new features of **Java 1.7** Annotations, Generics, enhanced for loop and **Enums**.
* Developing and editing user Interface Screens using **JSP, HTML5.0, JavaScript, CSS, JQuery** and **AJAX.**
* Improve presentation of webpages **CSS 3.0, Adobe Flash and JQuery plugins.**
* Designed SOA integration using **Apache CXF**. Enabled rapid service tier development.
* Used **AngularJS** for **DOM** Manipulation, **Filters**, and **Directives**.
* Used Twitter **Bootstrap** to create responsive web pages which can be displayed properly in different screen sizes.
* Worked on **Cross-browser Compatibility** of UI pages. Implemented for internet browsers such as **Chrome, Firefox, and IE 8/9/10/11**.
* Debugged the application using **Chrome Inspector**, **Firebu**g, **IE Tester** and many other debugging tools.
* Created and injected **Spring** services, **Spring** controllers and DAOs to achieve **dependency injection** and to wire objects of business classes.
* Used **Spring Inheritance** to develop beans from already developed parent beans.
* Implemented SOA to develop **REST** Based **Web services** using **Apache Axis**.
* Developed Service layer Using **Spring**, **AspectJ** and persistence layer using Hibernate.
* Involved in implementing DAO layers using **JPA** standards and Hibernate API interfaces.
* Created SQL queries, PL/SQL Stored Procedures, Functions for the Database layer by studying the required business objects and validating them with Stored Procedures using DB2 and JPA with Hibernate provider.
* Extensively used **Hibernate mappings**, **HQL**, **EHCache, Query, Criteria, Lazy loading Transactions** and **Lockings.**
* Developed **RESTWeb Services clients** to consume those Web Services as well other **enterprise wide Web Services.**
* Exposed the **Web Services** to the client applications by sharing the WSDL’s.
* Used **DAO pattern** to fetch data from database using **Hibernate** to carry out various database.
* Used **Hibernate Transaction Management, Hibernate Batch Transactions, cache concepts.**
* Maintained, structured, and surveyed documents within the **NoSQL MongoDB** database, ensuring data integrity, correcting anomalies, and increasing the overall maintainability of the database.
* Hands on experience with **MongoDB** installation, configuration, monitoring and Designing shared Environment.
* Modified the **Spring Controllers** and Services classes so as to support the introduction of **Spring** framework.
* Created logical and physical data models putting to practice, concepts of **normalization** and **RDBMS.**
* Used **XStream**API to transfer data back and forth between **Spring MVC** and **Ext JS**.
* **Jenkins** to automate the build and deploy process.
* Developed and consumed **Apache CXF** based Web Services as part of Payments Application.
* Focused on **Test Driven Development**; thereby creating detailed **JUnit** tests for every single piece of functionality before actually writing the functionality.
* Used **Rational Application Developer (RAD)** which is based on **Eclipse,** to develop and debug application code.
* Used **Log4j** utility to generate run-time logs.
* **SVN** was used for project management and version management.
* Deployed the application **on Websphere 7.0** application server**.**

**Environment**: **J2EE, Spring framework, Spring MVC, Hibernate 3.x, Angular JS, jQuery, JSON, JSF, Servlets 2.3, JDBC, AJAX, Web services, SOAP, XML, Java Beans, XStream, NetTool, Apache CXF 2.6, Apache POI, Ext JS, JQuery, JavaScript, Oracle 10g, IBM RAD, Websphere 7.0, Agile Methodology, Design Patterns, SVN, Apache Maven, JUnit, HtmlUnit, XSLT, HTML/DHTML.**

**Client: CISCO, San Jose, CA**

**Duration: Nov 2012 – Apr 2014**

**Role:Sr. Java Developer**

**Description:**The Smart Accounts Module is a tenant that resides in CSW with the purpose of creating and managing

Smart Accounts.The idea behind Smart Accounts is that each customer or partner will have a Smart Account driven off a

unique domain value. Under a Smart Account, customers and partners can manage their licenses, software downloads,

products, orders.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle(SDLC) of the application like requirement gathering, Design, Analysis and Code development .
* Generated use case diagrams, Class diagrams, and sequence diagrams using **Rational Rose**.
* The application is designed using **J2EE design patterns** and technologies based on **MVC** architecture.
* Implemented **Agile Methodology** for development of the application.
* Used **J2EEdesign** patters like value object pattern, **Session façade, Singleton, Factory** and **DAO**.
* **Spring with Tiles Framework** is implemented for a common look in the all presentation views.
* Integrated struts MVC **with spring DI and spring hibernate DAO**.
* **EJB** session Beans were used to process request from the user interface and CMP entity beans were used to interact with the persistence layer.
* Coded pages with best Search Engine Optimization (SEO) techniques.
* Designed applications that execute on various browser such as internet Explorer, Mozilla Firefox, Google Chrome, and Opera using debugging tools like Firebugs/IE Developer tools.
* Continuous integration services are provided for software development using JENKINS.
* Utilized Object Oriented Programming in Java Script and DOM structure to implement various functionalities.
* Designed pages using **Angular JS** forms, **Validations, Modules,Event Expressions,Directives,Controllers**,**filters**.
* Developed **EJB MDB’s** and message Queue’s using **JMS** technology.
* Implemented security for different front end views based on the access privileges.
* Involved in writing **XML** validation classes using struts validation framework.
* Designed the user interfaces using **JSPs,AJAX** and **Struts Tags** .
* Used **XML Web Services** using **SOAP** to register agents using non –java applications.
* Developed services that are reusable and interoperable, based on **SOAP,WSDL, JAXWS,JAXRPC Web Service**s .
* Used **JMS** for the asynchronous exchange of critical data and events among J2EE components. Publisher **Subscriber** method was used for data loading.**Point-To-Point** method of **JMS** was used for event processing.
* Involved in requirements gathering and capacity planning for Multi-Datacenter (Four) and Cassandra Cluster used Oracle DB and MongoDB for Database related activities.
* Used **RAD IDE** based on **Eclipse** for writing code for **JSP, Actions Classes, Struts** and **Spring beans**.
* Involved in writing **DAO,DTo’s** using Hibernate DAO support.
* Implemented persistence layer using **Hibernate** that uses the POJOs (Which do not have the business process) to represent the persistence databases tuples.
* Developed **Junit test cases** for DAO and Service Layer methods.
* Used **SVN** for version control of the application.
* Used **LOG4J** to capture the log that includes runtime exceptions.
* Developed the **ANT** scripts for preparing **WAR** files used to deploy J2EE components.
* Interacted with quality assurance team for requirements gathering and analysis.

**Environment : Core Java,j2ee,jsp ,Struts,Spring,OOAD ,oracle 10g,HTML,EJB3,AJAX,JMS,XML,Design Patterns, ANT, Rationale Rose,IBM RAD IDE, WebLogic Application Server 10.X,Hibernate 3.0,Log4J,SVN,TOAD,JUNIT,UML.**

**Client: Barclays Capital– NYC, NY**

**Duration: Feb 2011 – Oct 2012**

**Position: Sr. Java Developer**

**Description**: Barclays Capital provides financing and risk management services to large companies, institutions and government clients. The utility of the System is to capture the information of the clients for getting the loan from Barclays Capital. User can fill the Preliminary Application for online as well as offline. In case of online Application, whenever user fills the Application form, mail will be sent to the concern branch. In case of offline, user can download the Application form, upload the same and send to the concern branch of Barclays Capital.

**Responsibilities:**

* Worked on **Agile** Scrum development lifecycle with 2-week sprints, fast-paced deadlines to implement new features and get it deployed to prod every 2 months.
* Built Rich Prototypes and Applications using **HTML, CSS, JavaScript, JQuery, Ajax, JSON, Ruby and rails, Bootstrap with MySQL database.**
* Used **Spring** Framework for **dependency injection, integration** of **Hibernate** using **Spring ORM support,** development of **RESTful web services** to give **JSON** output**.**
* Configured **Spring MVC** from scratch using **XML configurations, namespace handling, spring security** setup and giving access to resources.
* Used the concepts of **Internationalization and Localization** using Spring.
* Developed code to transform **XML** documents using JAXB Marshalling and Unmarshalling using Spring Injections.
* Used Hibernate in **persistence layer**, hibernate **mappings using Annotations,HQL,Criteria** and **Named Queries.**
* Involved in Design and Development **of RESTful API.**
* **REST web services** are created using spring with **Jackson Mappers** to exchange data using **JSON data structure.**
* Used **SVN** for source Version Control, resolving code conflicts and merging code base**.**
* Deployed the application in **WebLogic Application Server.**
* Strong experience in writing **PL/SQL queries** and performance tuning.
* Developed **Unix Shell scripts** to automate repetitive database processes.
* Used **Maven** for dependency management, build applications and deploy to the containers, application servers and create versions in the repository.
* Involved in **SDLC** and moving project from one stage to another such as testing, UAT and production.
* Created feature file as a part of REST API testing and wrote **Ruby** automation scripts using Ruby 2.0 with **Cucumber** by linking feature files

**Environment: Core Java, Java 1.6, Spring, Hibernate, SVN, Apache, Eclipse 3.3, JSP, JNDI, Log4j, JUnit, XML, XSD, JQuery, bootstrap, JavaScript, WebLogic Application Server, Apache Tomcat 6.0, Oracle, Windows XP, REST API, NetBeans, UNIX, MySQL.**

**Client: GE Healthcare – San Ramon, CA**

**Duration: Nov 2009 –Jan 2011**

**Role: Sr. Java/J2EE Developer**

**Description:** GE Healthcare provides transformational medical technologies and services helping to deliver patient care to people around the world. GE Healthcare provides an online website for the customers. This web website is an e-commerce application which provides an online interface to manage user accounts for the customers to facilitate customers to view, purchase products and request services.

**Responsibilities:**

* Analysis and understanding of business requirements.
* Involved in the architecture team for design and implementation of system.
* Developed application using **Spring MVC, JSP, JSTL and AJAX** on the presentation layer, the business layer is built using spring and the persistent layer uses **Hibernate**.
* Developed Custom Tags to represent data in a desired unique table format and to implement paging Logic.
* Used JavaScript for client-side validations, and **AJAX** to create interactive front-end GUI
* Created the web application using **MVC Struts framework**.
* Designed developed and maintained the data layer using Hibernate and performed configuration of Struts, Application Framework.
* Developed views and controllers for client and manager modules using **Spring MVC** and **Spring Core**.
* Developed user interfaces using **JSP, HTML, CSS, JavaScript, JQuery** and **Ajax** with **JSON**.
* Business logic is implemented using **Spring Core** and **Hibernate**.
* Data Operations are performed using **Spring ORM** wiring with **Hibernate** and Implemented **Hibernate Template** and criteria **API** for **Querying database**.
* Responsible for building scalable distributed data solutions using Datastax **Cassandra**.
* Developed Exception handling framework and used **log4J** for logging.
* Developed **Web Services** using **XML** messages that use **SOAP**. Created **WSDL** and the **SOAP** envelope.
* Developed and modified database objects as per the requirements.
* Involved in Unit integration, bug fixing, acceptance testing with test cases, Code reviews.

**Environment: Java, J2EE, JSP, Spring, Hibernate, JMS, XML, Web Services, SOAP, AJAX, HTML, JavaScript, CSS, Log4J, JUnit, Maven, WebSphere, Application Server, Eclipse, Oracle.**

**Client:ICICI Bank, Bangalore, India**

**Duration: May 2008-Oct 2009**

**Role: Java/J2EE Developer**

**Description:** ICICI Bank Limited is an Indian banking and financial services company. The application EBank is an Internet Banking product, designed and developed using Java Servlets and JSP to meet the demands of the Bank customer for transactions through Internet. EBank is a powerful tool that consumers and business owners can use to manage their finance. It is developed for two environments.

**Responsibilities:**

* **Involved in Analysis and Design of the Project, which is based on MVC (Model-View-Controller) Architecture and Design Patterns**.
* Involved in developing prototypes of the product.
* Involved in development of presentation components using **Swings**.
* Created UML **Use Cases**, **Sequence diagrams**, **Class diagrams** and **Page flow diagrams** using **Rational Rose**.
* Designed GUI Components using **Tiles** frame work and Validation frame work.
* Designed and developed UI using **HTML**, **JSP** and **Struts** where users have all the items listed for auctions.
* Developed **ANT** scripts for builds and deployments.
* **Developed Controller Servlets, Action and Form objects for process** of interacting with **Oracle** database **and retrieving dynamic data.**
* Responsible for coding **SQL** Statements and **Stored procedures** for back end communication using **JDBC**.
* Parsing of XML documents was done using **SAX** and **DOM** and XML transformation was done using **XSLT**.
* Wrote **JavaScript** validations on the client side.
* Involved in writing Detail Design Documents with **UML** Specifications.
* Involved in unit testing and system testing and also responsible for preparing test scripts for the system testing.
* Responsible for packaging and deploying components in to the **Tomcat**.
* Used java IO to create reports, which were mailed to be mailed to manager every hour.
* Responsible for performance tuning of the product and eliminating memory leakages in the product.
* Participated in Code Review meetings with developers.

**Environment: Core Java, Java Beans, JSP, Jbuilder, Javascript, Servlets, JDBC, LOG4J, XML, XSLT, HTML, Struts, Tiles, SAX,DOM, Tomcat, UNIX, Oracle.**