**Abhinay**

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**PROFESSIONAL SUMMARY:**

* Having **8** years of professional **IT** experience in designing and developing of **Multi-Tier distributed**, Enterprise applications using **Object Oriented Programming** features of **Core Java**, **J2EE** technologies with Software Development Life Cycle **(SDLC).**
* Experience in developing applications using **SDLC** methodologies like **Waterfall**, **RUP, Agile (TDD, SCRUM)** and **Test-Driven Development.**
* Expertise in developing **web pages** using **HTML5, CSS3, Bootstrap,** **JavaScript, JQuery, Ajax** and **Angular JS** with webpage cross browser compatibility and **responsive web design** andhave knowledge onServer scripting language like **Node JS.**
* Developed the application using **Java 1.8** and implemented its features like **Lambdas Expressions, Time API, Streams, functional interfaces, collectors, default methods, type interfaces, and foreach.**
* Developed **Service Oriented Architecture (SOA)** and **Micro Service Architecture** based **J2EE** applications.
* Experience in developing and deploying applicationson **Cloud Platforms** like **Amazon Web Services.**
* Managed **Amazon Web Services** like **EC2, S3 bucket, ELB, Auto-Scaling, SNS, SQS, AMI, IAM, Dynamo DB, Elastic search, Virtual Private Cloud (VPC)** through **AWS** Console and **API** Integration.
* Excellent in deploying the applications in **AWS** as **EC2** instances and created snapshots for the data that had to be stored in **AWS S3**.
* Defined **AWS Security Groups** which acted as virtual firewalls that controlled the traffic allowed reaching one or more**EC2** instances.
* Experienced in developing web-based applications using **Java/J2EE, Servlets, Struts (Struts, Tag Libraries** and **Struts custom validation rules, Tiles), Spring IOC, Spring MVC, Spring AOP, Spring Security, Spring Boot, Spring Web Flow, Spring Data, JDBC, Web Services (SOAP & Restful services)** and **ORM** frameworks like **Hibernate, iBatis.**
* Excellent in developing **REST** and **SOAP** based **Web Services** using **JAX-RS, JAX-WS, WSDL, JAX-B, Apache Axis, Apache CXF** and **Jersey** frameworks.
* Experience in applying best practice **Design Patterns** and **Strategies** to enterprise applications to reduce tight coupling, maximize performance and reduce maintenance/extensibility risks.
* Expert in **Core Java** and implementing concepts like **Multithreading, Concurrency**, **Exception Handling, File handling, IO, Generics and Java collections** in various projects.
* Expertise in implementing **design patterns** like **Singleton, Factory, Prototype, Business Delegate, Session Facade, Service locator, Visitor, Observer, Decorator, Front Controller** and **DAO pattern.**
* Experienced in **implementation of JMS** to exchange information over reliable channel in an asynchronous way by using **Active MQ, Rabbit MQ**, **Kafka** as message queue.
* Experience using **Hibernate** for mapping Java classes with database and using **Criteria API** and **Hibernate Query** **Language (HQL).**
* Proficient in developing RESTFUL web services in **Python** using XML, JSON.
* Good Knowledge of **Data Access Object (DAO)** pattern to introduce an abstraction layer between the **Business logic tier (Business object)** and the **Persistent storage tier (data source).**
* Worked with **SQL** databases like **Oracle, My SQL, IBM DB2** andHands on Experience in working with **NoSQL** Database like **MongoDB**, **Cassandra** to manage extremely large data sets.
* Proficient in writing **SQL queries, PL/SQL stored procedures, Triggers** and **creating business tables.**
* Hands on experience in working with like **Junit, Mockito, Selenium, Groovy Spock and TestNG.**
* Experienced with deploying applications on to production servers, configuring various parameters of servers like **Apache Tomcat, JBOSS, BEA Web logic, IBM Web Sphere.**
* Skilled in using collections in **Python** for manipulating and looping through different user defined objects.
* Good Knowledge in using **Dojo** Components and integrating back-end applications with **AJAX** driven **web 2.0 front-end** using **OO JavaScript** **framework.**
* Creation of custom components, client libraries, **OSGI** services, deployments frameworks, querying and connecting to **DB** using **OSGI** bundles.
* Portable deployment of applications as a single object using **Docker.**
* Actively involved in the **DevOps** streamlining process through **Jenkins** **CI** and **CD** Release Automation.
* Used version controller tools like **Tortoise** **Subversion (SVN), CVS** and **Git.**
* Experience with and solid understanding of **Micro Services.** Created and consumed **Micro Services** based on **Web API.**
* Implemented a Continuous Delivery pipeline with **Docker**, **Jenkins and GitHub and AWS AMI’s**.
* Experience in working with **IDE’S** like **Eclipse, Spring Tool Suite (STS), RAD** and **Intellij.**
* Have extensive experience working on **Windows,** **Linux** and **Unix** Operating Systems.
* Ability to work effectively in cross-functional team environments and experience of providing training to business users.

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| Languages | C, C++, Java 1.8, J2EE, SQL and PL/SQL |
| Mark-up/XML Technologies | HTML5, CSS3, Bootstrap, JavaScript, jQuery, AJAX, Angular JS, Node JS, XML, XSD, XSL/XSLT, SAX/DOM, DOJO and JSON. |
| Tools & Framework | Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, Spring Boot, JSF, JUnit, Apache CXF, SOAP UI, GWT, Jersey. |
| Build Automation | ANT, MAVEN, Jenkins, Gradle. |
| Web services | SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Micro services, Apache Axis and Apache CFX. |
| Cloud Technologies | Amazon Web Services (EC2, SQS, RDS, IAM, S3), Pivotal Cloud Foundry and Spring Cloud. |
| Web/App Servers | Web Sphere, Apache, Apache Tomcat, JBOSS EAP, Web Logic Server and Apache Camel |
| Databases | Oracle, SQL-Server 2005, MySQL server, MS SQL, IBM DB2, NoSQL DB like MongoDB and Cassandra. |
| IDE tools | Eclipse, Net Beans, Spring Tool Suite (STS) and IntelliJ IDEA, RAD, Adobe Dreamweaver. |
| Modeling/ CASE Tools | Rational Rose and MS Visio Professional. |
| Testing Tools/ Others | Selenium, TestNG, JUnit, TOAD, Soap UI, Putty, Rational Clear Quest, RTC, Load UI and Mockito. |
| Version Control | Tortoise SVN, CVS, Rational Clear case, Source Tree and Git. |
| OS & Environment | Windows Vista/XP/2000/NT, Win 2k Server, Sun Solaris, UNIX |
| Design Patterns | Singleton, Factory, Prototype, Business Delegate, Session Facade, Service locator, Visitor, Observer, Decorator, Front Controller and DAO pattern. |

**PROFESSIONAL EXPERIEANCE:**

**Client: BCBS** **Aug’17 – Present**

**Location: Dallas, TX**          

**Role: Java Full Stack Developer**

**Description:** Well Mark Blue Cross and Blue Shield is a leading insurance company owned by its policyholder. BCBS is the health insurance and health care provider company. “Find a plan” is a web based J2EE application, created to help individuals and families easily shop for, and buy health insurance. Well mark offers a variety of insurance plans, as well as tools to help you choose the plan that’s right for you.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (**SDLC**) such as requirements gathering, modeling, analysis, design, development, and testing.
* Developed the view-controller components using **JSPs**, **HTML5**, **CSS3**, **AJAX**, **JavaScript (jQuery**).
* Maintained and managed JavaScript files and compiling **SAAS** files to **CSS** files Using WebPack build tool.
* Implemented routing logic and navigation from screen to screen and implemented login functionality on the client side in **AngularJS**.
* Developed **Angular 2.0** custom directives and used Routes and Factory validations in **Angular**.
* Created **Typescript** reusable components and services to consume **REST API’s** using Component based architecture provided by **Angular 2**.
* Experience with Front-end JavaScript frameworks like AngularJS, **Node JS.**
* Hands-on experience in developing integration with **Elastic search** in any of the programming languages like **JAVA** and **JavaScript**. Having knowledge of advance reporting using **Elastic search** and **Node JS**.
* Developed the application using Angular-JS, **Node-JS**, **Mongo-DB**, Angular-UI, HTML5, Bootstrap, CSS3 and JavaScript.
* Implemented **core** features of **AngularJS** framework such as dependency Injection, Data-binding, Filters, Directives, Templates, Services and Deep Linking Designing.
* Used **Java** 1.**8** features like stream and **Lambda** expressions.
* Maintained **Interface** compatibility and **concurrency** in the project using **Java 1.8** new features like **Lamda** expressions, **default**, **static methods** and **Concurrency** API.
* Used **Java 1.8 Method References** feature to point to methods by their names and used **functional Interfaces.**
* Responsible for creating an instance on **Amazon EC2** (**AWS**) and deployed the application on it.
* **Micro Services** were being used as a strategy to gradually replace a core monolithic application while still adding business features.
* Installed, secured, and configured **AWS** cloud servers and **Amazon AWS** virtual servers(Linux).
* Worked on **AWS** services to deploy static websites and dynamic Web Apps on EC2 using **Elastic Beanstalk** and Elastic Container **Service-Docker.**
* Used **Spring MVC** framework for implementing **Model-View- Controller (MVC)** architecture at the Web tier level to isolate each layer of the application so that complexity of integration will be reduced and maintenance will be very easy.
* Used **Spring AOP** for solving crosscutting concerns like keeping logged data and transactions details etc.
* Used **Spring Batch** for processing large amount of data like transaction management, job processing, resource management and logging.
* Secured the API's by implementing **Oauth2** token-based authentication/authorization scheme using **spring security**.
* Designed and developed third-party Payment services to Offer Users Convenient Payment Methods based on **OAuth** Protocol
* Used **Hibernate** **ORM** **framework** as persistence engine and wrote **Hibernate** **Queries** to automate the mapping between **Oracle** database and **Objects** in **Java**.
* Worked with **MongoDB** to store non-relational data into collection and retrieve them whenever required.
* Developed **Hibernate** with Spring Integration as the data abstraction to interact with the database of **MongoDB**.
* Extensive experience using spring framework and using Hibernate as ORM/OGM. Extensive experience in **JSON**, **JAXB**, **JAXP** and hands on experience creating **Web Services** based on **REST** framework.
* Worked on setting up **Maven** scripts to build, package, and deploy application code to the target WebLogic Application Servers and worked on continuous integration servers like **Jenkins**.
* Developed the monolithic application and involved in migrating existing monolithic application in to **Micro Service Architecture** based **RESTful Service** and deployments were done on **AWS.**
* Designed and developed **Micro Services** business components using **Spring Boot.**
* Developed Restful **Micro Services** using **Spring Rest** and **MVC**, for **OSS** services.
* Hands on Coding to build **REST Micro Services** using **Spring Cloud, Oracle, XSD, JSON, Spring Config, Cloud Foundry and Jenkins.**
* Developed multiple **Kafka** Producers and Consumers as per the software requirement specifications.
* Experience in design and development of robust and highly scalable web service platforms and API's based on **REST** and **SOAP** for e-commerce applications using **AXIS, WSDL, UDDI, XML, JAX-WS, JAX-RS, JAXB, JAX-RPC** technologies and **Jersey frameworks**.
* Worked on developing **Restful** endpoints to cache application specific data in in-memory data clusters like **REDIS** and exposed them with **Restful** endpoints.
* Developed API’s to read and publish data from **Elasticsearch** cluster using native Java Transport client as well as **REST** client. Worked on **Spring** Integration with the **Elasticsearch.**
* Focused on **Test** **Driven** **Development** there by creating detailed **JUnit** tests for every single piece of functionality before writing the functionality.
* Performed automation testingandauthored test scripts using **Selenium Web Driver, Selenium Grid and Junit.**
* Worked in **Agile TDD** environment using SDLC tools like **GIT, Jira, Jenkins**, **Maven** for build packaging and deployments of the application components.

**Environment:**Agile methodology, Java 1.8, J2EE, HTML5, CSS3, JavaScript, JQuery, AJAX, AngularJS, JSP, Hibernate, Spring, XML, JSP, JAX-RS, Spring AOP, Spring security, Oracle, AWS IAM, EC2, S3, RDS, SQS, Micro Services, MongoDB, Docker, GIT, JIRA, PL/SQL, STS, JUnit, Log4J, Maven, Jenkins, WebLogic Application Server.

**Client: Capital One** **Jan’16 - Jul’17**

**Location: Mc Lean, VA**

**Role: Sr Java Backend Developer**

**Description:** The move money services help general users and investment users, to carry monetary transactions among friends, family and to manage loans and pay bills.  The project consisted of developing and maintaining services of Capital One move money services like bill pay, home loan accounts, mortgage accounts etc. the services were developed maintained and tested for the devices and the web. We worked on the architectures, services and the front-end UI for each of the applications.

**Responsibilities:**

* Worked on High level and low-level system design, planning, estimation and implementation.
* Developed presentation layer using **JSP, HTML5, CSS3** and client validation using **JavaScript, DOM.**
* Used two-way data binding features of **AngularJS** to implement Data binding to bind various server controls to the data from database.
* Implemented animation and styling using **CSS3** and **jQuery.**
* Developed presentation layer using **JSP, HTML5, XHTML, CSS** and client validation using **JavaScript, DOM.**
* Involved in writing **JSP** components. Used **JSTL** Tag library to create standard dynamic web pages.
* Worked on **XML** and **JSON** for transferring and retrieving data between different applications.
* Worked on generating the web services classes by using Service Oriented Architecture **Micro Services**, **SOA, WSDL, UDDI and SOAP.**
* Used Web Services for creating rate summary and used **WSDL** and **SOAP** messages for getting useful plans from different module.
* Developed **SOA (SAAS)**, service documents for Enterprise Applications.
* Implemented Core Java concepts like **Multithreading, Concurrency, Exception Handling and Collections** whenever necessary.
* Used the **Spring IOC**feature to get **Hibernate** session factory and resolve other bean dependencies also used **Spring** **AOP** features for solving cross-cutting concerns.
* Implemented the application using **Spring IOC**, **Spring** **MVC** Framework, **Spring Batch,** **Spring Boot** and handled the security using **Spring Security.**
* Designed and integrated the full-scale **Spring / Hibernate** persistence solution with the application architecture.
* Implemented **Object Relational Persistence** (Hibernate) for the domain model.
* Implemented various features of spring framework such as **Dependency Injection**, **IOC**, **Annotations** and **Spring** **integration** with **Hibernate**.
* Involved in design and development of the **Hibernate Domain Model** for the services.
* Worked on web services and associated business modules integration.
* Worked on development and implementation of the **MVC** Architectural pattern using **Spring Framework** including **JSP,** and **Servlets**.
* Involved in identifying and implementation of different **J2EE design patterns** like **Service Locator**, **Business Delegate**, and **DAO.**
* Worked in wide-area network to maintain all the device related data onto **MYSQL** database.
* Experienced in **RDBMS** such as **Oracle**, **Cassandra**, MySQL, **PostgreSQL** and IBM DB2 databases. Used NoSQL DB database Mongo DB for proof of concept and having experience in create a **Stored Procedures** and having experience in Remote Procedure call (RPC) and **Redis**.
* Developed the **DAO layer** for the application using Spring Hibernate template support.
* Used **JMS API** for communication between the components.
* Experience in writing complex **PL/SQL** queries using joins, Stored Procedures, Functions, Triggers, cursors, and indexes in Data Access Layer.
* Involved in **PL/SQL** changes whenever needed in the application and used TOAD as Oracle client to access tables, Packages, Jobs and stored procedures.
* Create domain XML schema for use of integration, services and messaging.
* Troubleshoot the problems and fixes the bugs in XSLT and java related programs.
* Collaborated with testers and developers and prepared test plans for producing high quality software applications.
* Experience in using **JUnit** and build tools such as **MAVEN.** Worked on **Log4j** for logging errors, messages and performance logs and **SVN** for version control.
* Deployed and tested the application in **Unix** on **IBM** **Websphere** Application Server.

**Environment:** Java, J2EE, HTML5, CSS3, JQuery, AngularJS, AJAX, Spring, Hibernate, SOA, Micro Services, WSDL, UDDI, SOAP, JavaScript, JMS, JSON, Servlet, JSP, JDBC, Oracle, Maven, MySQL, Log4J, SVN, Websphere, JAXB, XML, Scrum, Unix/Linux, Junit.

**Client: Edward Jones** **Jan’14 - Dec’15**

**Location: St Louis, MO**          

**Role: Java Developer**

**Description:** Edward Jones is a decidedly different kind of investment firm. Our mission is to help individuals reach their serious, long-term financial goals. The web application provides functionalities such as policy management, profile management and claim reporting. The customer can access complete account information, policy information, receive instant auto insurance quote and report claims.

**Responsibilities:**

* Involved in analysis, specification, design, implementation and testing phases of Software Development Life Cycle (SDLC) based on the functional requirements.
* Application is implemented using agile methodology where there is a daily **SCRUM** meeting to understand the status and resolve any issues.
* Upgraded existing UI with **HTML, CSS, jQuery,** **Bootstrap** and **Node.js** interaction.
* Used **Node.js** for building web applications with client-server architecture, where both can initiate communication in two-way connections and allow them to exchange data.
* Implemented the application using **Spring IOC, Spring MVC Framework, Spring AOP, Spring Boot, Spring Batch**, and handled the security using **Spring Security.**
* Designed and developed the End Points **(Controllers), Business Layer**, **DAO Layer** using **Hibernate/JDBC** template and **Spring IOC (Dependency Injection).**
* **Spring MVC** model integration for front-end request action controller.
* Used **Apache Axis** Service Engine for creating and deploying Web Service clients using **SOAP**.
* Implemented and developed **REST** and **SOAP** based **Web Services** to provide **JSON** and **Xml** data
* Consumed **SOAP** and **Restful web services** in **SOA** environment and used **SOAP UI** for testing.
* Developed the persistence layer using **Hibernate** Framework**,** created the **POJO** objects and mapped using **Hibernate annotations** and **Transaction Management.**
* Extensively used hibernate named queries, criteria queries, **Hibernate Query Language (HQL)** and Optimistic Locking and Caching to process the data from the database.
* Involved in creating various **Data Access Objects** (DAO) for addition, modification and deletion of records using various specification files.
* Also, worked with the **PDF** and **EXCEL** format file download of user data on **JSP's** when user wanted to save his/her personal data on **JSP** page tables.
* Developed persistence API's that can store data synchronously and asynchronously to **Cassandra** data store with batching.
* Created flows on messaging using **ActiveMQ.**
* Extensively used **JUnit** for unit testing, integration testing and production testing.
* Involved in installing and configuring **Maven** for application builds and deployment.
* Used **JIRA** to assign, track, report and audit the issues in the application.
* Worked with **Intellij** and used **Gradle** build tool to achieve more functionality for build process.
* Involved in Maintenance and Enhancements for the project.

**Environment:** Java, HTML, CSS, Bootstrap, jQuery, Node.js, Spring IOC, Spring MVC, Spring Batch, Spring Security, XML, XSD, SOAP, Restful, ActiveMQ, Cassandra, Log4j, SOA, Oracle, Apache Tomcat, Agile Methodology, JUnit, Maven, GIT, JIRA and IntelliJ.

**Client: AIG Insurance**  **Apr’12 - Jul’13**

**Location: Chicago, IL**          

**Role: Java/J2EE Programmer**

**Description:** American International Group, Inc. (AIG) is a leading insurance and financial services organization in the US. The Auto Insurance Application project involves the design and development of a Web based internet application to provide online insurance services. The web application provides functionalities such as policy management, profile management and claim reporting. The customer can access complete account information, policy information, receive instant auto insurance quote and report a claim.

**Responsibilities**:

* Involved in all phases of the **Software development life cycle (SDLC)** using **Agile Methodology.**
* Developed User Interface using **JSP, JSTL, HTML, CSS, Java Script, jQuery** and **Angular JS.**
* Used various **jQuery UI** controls and corresponding Event handlers.
* Used **Spring MVC** and **Dependency Injection** for handling presentation and business logic.
* To maintain loose coupling between layers published the business layer as services and injected necessary dependent components using **Spring IOC** and published cross cutting concerns like Logging, User Interface exceptions, Transactions using **Spring AOP.**
* Integrated **Spring DAO** for data access using Hibernate.
* Used **Spring Security** for **Authentication** and **Authorization** of the application.
* Extensively used **JSON** to parse the data from server side to satisfy the business requirement.
* Implemented persistence framework using **Hibernate** & Handled **Transaction Management** using the provided data source.
* Responsible for designing **Hibernate mapping files** based on business logic and Object relationships.
* Integrated **Spring and Hibernate** together and worked on developing backend components and services using Hibernate and spring.
* Established Database Connectivity using **JDBC, Hibernate O/R mapping with Spring ORM** for **DB2**.
* Worked on **Hibernate** in **Data Access Layer** for mapping the java objects to relational database and **SQL** queries to fetch the data, insert and update the data from the database.
* Consumed **Web Services** to interact with other external interfaces to exchange the data in different forms by using **Restful** service.
* Implemented **SOA** architecture with **Web Services** using **SOAP, WSDL** and **XML** using **Apache CXF** **framework** and worked on parsing the **XML** files using **DOM/SAX** parsers.
* Created **tables, triggers, PL/SQL Stored Procedures, SQL queries, Joins,** and **views** for **IBM DB2.**
* Implemented **Restful** and **SOAP** based Web Services and used **Soap UI** for testing.
* Used **Spring JMS** module for lookup for the queues and MDBs for the listeners.
* Involved in **Unit Testing** of various modules by generating the **Test Cases.**
* Performed deployment of applications on **JBOSS.**
* Written **LINUX** shell scripts to identify user login information.
* Involved in day to day handling of **JIRA** issues (production issues at time) that involved data inconsistencies that required to be solved in very less time.
* Involved in Bug fixing of various modules that were raised by the testing teams in the application during the **Integration testing phase.**
* Participated in **Code Reviews** of other **modules, documents, test cases**.

**Environment:** Java, J2EE, HTML, CSS, JavaScript, jQuery, Angular JS, JSP, JSTL, JSF, Spring, Hibernate, XML, XSD, SOAP UI, Web Services, Restful, SOAP, WSDL, Log4j, JUnit, DB2, JBOSS, Jenkins, SVN, Eclipse IDE, JIRA, Agile Methodology, Linux, Rational Rose and UML.

**Client: TekStrom INC** **Feb’11 - Apr’12**

**Location: Bangalore, India**          

**Role: Software developer**

**Description:** The objective of this project is to implement a web based front end system which can be used by the employees, managers and higher-level management having specific role permissions for effective processing of day to day business activities in the company like leave management, project management and resource management etc.

**Responsibilities:**

* Captured all the functional and technical requirements of the Supply Chain Management System.
* Was involved in the preparation of the software requirements and design document **(SRS & SDS).**
* Adapted Java Design Patterns **DAO**, **Value Objects** and **Session Facade** to develop business components.
* Developed **class diagrams** and **Sequence diagrams** using **UML.**
* Defined the detailed **application** and **database design.**
* Involved in collecting requirements from Business Users, Data Modeling, Designing and Developing Tools using **J2EE, Java, JSP, EJB, and Servlets**.
* Developed the application based on **MVC architecture**.
* Developed the **GUI** using **HTML, CSS** and **JSP, AJAX and JQuery**.
* Developed user interface using JavaScript, **HTML, CSS, JQuery** to speed the application.
* Front end validations are written using **JavaScript.**
* **Java Servlets** were used as the common gateway interface between the client and server.
* **Java Beans** were used to handle business logic as a **Model** and **Servlets** to control the flow of application as **Controller.**
* Writing database queries on **Oracle** and Involved in the **JDBC queries** as part of implementation.
* Used **WebSphere** Application server to deploy the applications.
* Performed Unit Testing using **JUnit**.
* Provided a **User Manual** and **User Training** on the new system to ease them into the new system.
* Used **CVS** as a version control tool.

**Environment**: JDK, J2EE, Java, HTML, CSS, JSP, JavaScript, AJAX, JQuery, EJB, Servlets, MVC Architecture, JDBC, Oracle, WebSphere, JUnit, CVS, Eclipse, Linux, Design Patterns, UML.

**Client: Visual soft** **June’09 - Feb’11**

**Location: Hyderabad, India**          

**Role: Java Developer**

**Description:** This is an e-commerce application, which helps the customers to sell their products online. A particular customer can access his information with proper authentication/authorization only (Encrypted id/passwords). It enables the customer to update the product information online, search for a product by full/partial product name, product category and ID. It also provides the customer with up-to-date reports on the sales information based on customer age-group/gender and product Name/category.

**Responsibilities**:

* Involved in understanding and analyzing the requirements of the project.
* Followed **Waterfall** Methodology to implement the features.
* Used Java **Jdk1.5** features to implement the functionalities.
* Designed and developed the User Interface using **HTML**, **JavaScript**, **AJAX** and **CSS.**
* Implemented **Struts MVC** design pattern and front controller pattern.
* Developed Action Class components for performing business process execution and involved in configuration of struts configuration specific xml file.
* Created and handled Custom-**Exceptions** that are related to business operations. Created child **Threads** to improve the performance by running some independent tasks at background.
* Developed Server-Side components for the business services for creating Items, **BOM**, Sourcing Rules, and substitute.
* Used **Log4j** for logging purposes during the development of the application.
* Used **JDBC** to interact with the underlying **MySQL** Database.
* Extensively worked on **SQL** for writing complex queries in the business logic layer.
* Deployed Applications on **Apache Tomcat Server** and used **CVS** as the version control manager.
* Used **Mantis** for tracking the issues and for enhancements of any features.
* Used **Eclipse IDE** to integrate the different frameworks to build the overall application.

**Environment:**  Java, JDBC, Jdk1.5, Servlets, Struts, JSP, Hibernate, Java Mail API, AJAX, HTML, XML, ANT, Log4J, CVS, RAD, Putty, MySQL, Mantis, Apache Tomcat, Eclipse IDE, Waterfall Methodology.