**Sneha S**

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**Professional Summary**

* Having 5+ years of extensive experience in the IT industry with expertise in Software Analysis, Design, Development, Implementation and Testing of Object Oriented applications using **Java** and **J2EE.**
* Well experienced in collaborating with onsite as well as offshore teams and coordinating with business to convert business requirements into technical specifications.
* Strong object oriented design and analysis experience.
* Experienced in developing data-driven applications and working in test-driven environments using **Core JAVA** and **J2EE** technologies.
* Experienced with J2SE Technologies like **API**, **Threads**, **Collections**, and **Exception Handling** J2EE Technologies like **Servlets**, **Listeners**, **Filters**, **JSPs** and **JSTL**.
* Practical knowledge of frameworks like **Spring Dependency Injection, Spring MVC, Spring JDBC, Spring DAO**, **Struts, Hibernate**, **iBATIS.**
* Having knowledge on making an application loosely coupled with **Spring Core (AOC and IOC) .**
* Working experience of Relational DBMS like **MySQL, Oracle SQL PL/SQL, SQL Server (MS SQL),** and **Oracle Performance Tuning.**
* Strong experience in implementing Web based projects using IDEs like **IntelliJ IDEA, Eclipse, Net Beans**.
* Well versed with consuming and producing Web Services like **SOAP** (WSDL Component) and **REST** working with data-exchange formats like **XML** and **JSON.**
* Experienced with **Synchronous web services like JAX-RPC, JAX-RS, JAX-WS** and **Asynchronous web services** like **JAX-M** and **JMS.**
* Hands-on experience in using Log4j, Maven, Bamboo, Git, Gradle, SVN for building, logging, testing.
* Implemented Unit Testing using JUnit and Integration testing during the projects.
* Working knowledge of Front End development technologies like **HTML**, **CSS**, **JavaScript**, **JSP, JSF, JSTL**, **Freemarker, AJAX, JQuery, Bootstrap, Angular JS.**
* Proficient in various technologies like **Servlets**, **EJB, JPA, JTA, JDBC, JMS, Log4J, SLF4J** and **JUnit**.
* Demonstrated ability to work with parsers like **DOM4J, SAX Parser**, **JAXB** and **Jackson**.
* Having experience with **Collections** for managing the dynamic data.
* Having experience in **algorithm** and **Garbage Collection** in performance issues.
* Strong proficiency with Swing, printing and imaging and other packages of **Core Java API**
* Hands-on experience working with source control tools such as **SVN, CVS** and **Git**.
* Expertise in tracking bugs and issues using **JIRA.**
* Experienced with build tools like **Jenkins, Maven** and **ANT.**
* Having knowledge and hands-on experience **with Selenium, Junit, Log4j** testing tools.
* Used Maven, ANT, Jenkins and Bamboo to deploy automated builds in different environments.
* Working experience of application servers like **WebLogic**, **WebSphere**, **JBoss** and **Apache Tomcat**.
* Experienced in developing **Multi-Threaded/Concurrent** applications and **Unix Shell Scripting**.
* Experienced with **Linux based commands of BASH and Perl Scripting**.
* Experience with programming language like **C**, **C++** and with frameworks like **CodeIgniter**.
* Comfortable working with **Windows** and **Linux** based environments.
* Strong System Analysis, Debugging, Documentation and Data analyzing skills.
* Domain knowledge in Technology, Financial, Banking, and e-commerce industries.
* Ability to adapt to new software applications and products, self-starter, with excellent communication skills and understanding of business workflow.
* Extremely enthusiastic and a very good team player.

**Technical Skills**

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| **Languages** | Java (Threads, Collections, Garbage Collection, memory, algorithm) and APIs, J2EE, C, Python, Scala, JavaScript, SQL. |
| **Enterprise Java** | JSP, JSTL, Servlets, JPA, JTA, EJB, JSF, REST and SOAP-Web Service, Jackson, JAX-B, JAX-RPC, JAX-WS, JAX-RS, Jersey, Apache AXIS, Apache CXF, Jersey, JMS. |
| **Cloud Computing services** | Amazon AWS |
| **Frameworks/Libraries** | Spring Framework, Spring IOC, Spring AOP, Spring MVC, Spring Boot, Spring DAO (Spring JDBC, Spring ORM), Hibernate, Struts, iBATIS, Apache Camel, Maven, Ant, Jenkins. |
| **Web Technologies** | HTML, CSS, JavaScript, AJAX, jQuery, JSON, XML, XSD, XSLT, Bootstrap, Angular JS. |
| **Tools** | JUnit, Log4J, Mockito, Maven, Bamboo, Firebug, JIRA, Selenium. |
| **Application Server** | Apache Tomcat, WebLogic, WebSphere (WAS), WAMP, JBoss |
| **Databases** | MySQL, Oracle, SQL Server, PostgreSQL, MongoDB, Cassandra. |
| **IDE** | Eclipse, IBM RAD, STS, IntelliJ, Jcreator, NetBeans. |
| **Version Control** | SVN, Git, CVS. |
| **Design Patterns** | MVC, Singleton, Factory. |

**Professional Experience**

**Client: Sherwin Williams, Cleveland, OH Mar 2017- Current**

**Role: Java Developer**

**Responsibilities:**

* Designed and developed the application using the Agile methodology, Rally, Wrote Technical design documents, Implementation plans and testing documents for the requirements.
* Extensively used TOAD, SQL Developer tools to develop Oracle stored packages, functions and procedures for Oracle database back-end validations and Web application development.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using DHTML, HTML5, AngularJS, CSS, AJAX, JavaScript, and jQuery
* Developed Web Services using REST, WSDL and XML
* Used Java8 features in developing the code like Lambda expressions, Streams, and functional interfaces.
* Created Spring MVC components like Dispatch servlets, hibernate configure Request mapping annotation controllers, view resolver components and implemented transaction management using Spring declarative transaction management with Spring AOP concepts.
* Worked closely with Development and Product Managers to implement Agile Testing Methodologies.
* Managed and lead a global team of developers from India following Agile -Scrum development methodology and management through grasshopper and acted as a team lead and mentor for a team of 5 and help in resolving technical challenges.
* Implemented request and response objects using SOAP web services and created routes using Apache Camel.
* Creating S3 buckets and managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS and creating an AWS RDS MySQL DB cluster and connected to the database through an Amazon RDS MySQL DB Instance using the Amazon RDS Console.
* Design AWS Cloud Formation templates to create custom sized VPC, subnets, NAT to ensure successful deployment of Web applications and database templates, security product templates.
* Involved in configuring builds using Jenkins with Git, Gradle plugins, configured and used Jenkins to deploy the applications onto Dev, QA, UAT environments.
* Reviewed existing code and recommended effective coding standards for code reuse and performance by making effective use of various designs patterns. Updated web pages using HTML5, CSS in Angular JS framework.
* Worked with team members with establishing and applying appropriate branching, labeling/naming conventions in SVN and developed Backing beans to handle UI components state and stores that state in a scope.
* Use tools on daily basis like IBM Rational Application Developer (Eclipse) IDE, IBM Rational, Git, Stash, Maven, Nexus, Bamboo, JIRA, Confluence, J-Integra.
* Implemented version controlling using SVN and used Jenkins for continuous integration. Wrote build & deployment scripts using Ant, Maven on UNIX environment and worked with QA Director.
* Wrote EJB Stateless session to communicate with Controller and Service layer i.e. make the EJB calls from Backing Beans.
* Enhancing the efficiency of JBoss and Apache layer by analyzing the load, frequency and time of peak load, memory usage, frequent memory issues, storage issues etc.
* Used JDBC and Hibernate to connect to the database using Oracle. Hibernate was used to Map relational data directly to Java objects.
* Planned and executed the migration from Bugzilla-based bug-tracking and Jenkins CI tool into the Atlassian based suite (JIRA Confluence, and Bamboo).
* Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed to reach one or more AWS EC2 instances, working on Multiple AWS instances, set the security groups, Elastic Load Balancer, and AMIs, Auto scaling to design cost-effective, fault tolerant and highly available systems.
* Proficient in SQL and writing Stored Procedures, triggers besides writing DDL, DML and transaction queries with development tools like TOAD and Stored the data in the form of JSON structure based documents, stored in a collection using MongoDB.

**Environment:** Core java, JDK 1.8/1.7, Struts 2.0, JSP, JavaScript, jQuery, Visio, JSON, Tortoise SVN 1.7.6, RESTful Web Service, Eclipse Indigo 3.7, Ajax, Oracle 11g, Oracle SQL Developer, RAD, Bamboo, Hibernate 3.0, Portal, Maven 3.0.4, Rest Client, Web logic Application Server 10.3.5.

**Client: American Express, New York City, NY Dec 2015 – Feb 2017**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in programming, testing, debugging, implementing and maintaining of Java EE client/server distributed the application to meet the organization’s needs.
* Design patterns of Business Delegates, Service Locator, and DTO are used for designing the web module of the application and extensively used the struts application resources properties file for error codes, views labels and for Product Internationalization.
* Designed and developed the application using Java 1.7, J2EE, Spring and hibernate.
* Involved in the migration of WebSphere Application Server from V 6.1 to 7.0 and V 7.0 to 8.0 and migration of JBoss application server from V 5.1 to 6.1 and V 6.1 to 6.4.
* Work involved extensive usage of HTML, AngularJS, CSS, JQuery, JavaScript, and Ajax for client-side development and validations.
* Involved in designing and developing the web pages using HTML 5, CSS3, JavaScript, Bootstrap, SASS, LESS, React.js, Redux, Flex, Node JS, Mongo DB,
* Responsible to Style, look and feel of the web page with SASS that extends CSS with dynamic behavior such as variable, mixing, operations and functions.
* Worked on React JS Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags.
* Involved to implement various screens for the front end using React.js and used various predefined components from NPM (Node Package Manager) and redux library.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations, and Flux concept
* Experience in RESTful web services to integrate between Server side to Client Side
* Developed web services and SOAP Messages with XML, SOAP, and WSDL
* Developed the Automation Test Scripts using Java and execution using Selenium, experienced in using Selenium Grid to execute Selenium automation suites on different platforms and various browser combinations in parallel
* Consumed web services using Axis Web services, involved in developing business tier using stateless session bean (acts as a Session Facade) and Message-driven beans.
* Involved in the coding of Distributed Multi-threaded Enterprise applications using J2EEtechnologies Servlets, EJB, RMI, JDBC and JMS.
* Develop Best practices and patterns guidance for Deployment, Configuration, Troubleshooting and Backup strategies for Cassandra, Gemfire Distributed Cache and PostgreSQL to be used Enterprise wide.
* Experienced in WebSphere, Weblogic, Tomcat and Jetty, caching technologies like Gemfire, Hazelcast and Spark.
* Akka based messaging framework facilitating the communication of the risk orchestrators with the pricing nodes on the grid and on-demand clients interacting with the system.
* Design and implementation of server components in Java/Scala to run simulations for CVA/CCAR, akka actor based mechanism for inter process communication.
* Implemented Asynchronous communication between components with JMS API and MDB
* Worked hands-on to create automated, containerized cloud application platforms(PAAS), and design and implement DevOps processes that use those platforms and guide Automation practices for QA team
* As a part of Job, I also had a responsibility to maintain the networking form AWS cloud back to On-Prem connectivity and no direct internet access from AWS cloud VPC to the rest of the world (Internet).
* Expert in HTML5/CSS3 development and have experience in Backbone JS, Require JS, Node JS, AngularJS, Ext JS, Responsive design, knockout Javascript.
* Wrote Object-Oriented Programs in core java on Windows. Worked on topics such as access modifiers, polymorphism, abstraction, inheritance, exceptions, array lists, and collections in general.
* Architecting logging architecture for JBoss /Apache system by getting design inputs and day-day functionality of the application and then suggesting the right NAS mounts, or if they need to move into Groovy / Grails, SAN architecture, or both etc.
* Worked with JSR - 286 portlets complaints about inter portlets communication, Managed bean used to instantiate backing beans used in a JSF application and storing them in a Scope.
* Prototyped use of JSF for presentation development and Spring for middle tier development to analyze if use would ease development, extensively used JSF Core and HTML tags Groovy / Grail sand also FLEX for UI development.
* Used Spring Framework with Hibernate to map to Oracle database, wrote HBM Files for mapping Java objects to tables in the relational database and updated it as required, hibernate used as Persistence framework mapping the ORM objects to tables.
* Developed HQL, SQL queries. Used Agile/Rally methodology and participated in SCRUM meetings, build the application using TDD (Test Driven Development) approach.
* Worked on AWS Toolkit for Eclipse to develop, deploy, and debug Java applications using Amazon Web Services. Created and deployed elastic beanstalk applications in java using AWS Toolkit for Eclipse.

**Environment:** JDK 1.7, J2ee, EJB 2.0, JSF, hibernate 3.0, EmberJS, Dojo’s, web 2.0, MDB, maven 2.2.1, REST, Spring framework, struts framework, html, xml, Mongo DB, web services, Web sphere Message Broker, log4j, Db2, Mainframes, RAD as our IDE, WSD 7.0/7.5.

**Client: United Health Group, Minneapolis, MN Feb 2015 – Nov 2015**

**Role: Java Developer**

**Responsibilities:**

* Involved in Requirements study, Functional analysis, detailed design including entity relations and various table design.
* Ability to support application deployments, building new systems and upgrading and patching existing ones through ATG methodologies.
* Developed the applications using Java, J2EE, Struts, JDBC.
* Designed and implemented a GUI framework for Swing. Involved in Creation of Adobe Flex Families in Content Server and associated the JDBC and XSD, XML pages to the assets.
* Involved in executing all Selenium test scripts on the different browsers and checked for compatibility, regression test cases were automated using Selenium Web Driver, and Web Driver Backed Selenium.
* Used validation frameworks for specifying the validations rules. Extensive work on Web services (SOAP) and Restful application.
* Developed JavaScript for Client-Side validations. Uses coding methods in JNI to initiate or enhance in-house custom developed RF optimization drive test software in support of 1Xused SDLC concepts.
* Involved in applying SDLC (Agile, Scrum, Waterfall) concepts. Designed and developed the Java bean components and O/R Mapping using Hibernate, designed roles and groups of users and resources using AWS Identity Access Management (IAM).
* Involved in writing the screen classes and Action classes for implementing the business logic of Pilot and object-oriented programming and monitored and responsible for troubleshooting the WebSphere Application Server with JVM logs, Process Logs, Service logs.
* Involved in Design, Development and Support phases of Software Development Life Cycle (SDLC), developed Custom Tags to simplify the JSP code. Designed UI screens using JSP, CSS, XML and HTML. Used JavaScript for client-side validation.
* Supports the integration of existing and new applications within the current infrastructure, including but not limited to: Crucible, Crowd, Bamboo and Stash.
* Expertise in creating Dev Ops strategy in a mixed environment of Linux servers, responsible for the implementation of application system with core java and Spring framework, uses Rational Rose for model-driven development and UML modeling.
* Used Spring Core Annotations for Dependency Injection and used Apache Camel to integrate Spring framework, use Apache Camel to route and transform messages and designed and implemented new customer flow using Apache Velocity template.
* Created PHP/HTML5/CSS3 Web pages to support Comcast Business Voice Xpress VOIP phone support portal using Agile practices and Rally management software
* Extensively used JSTL tags and Struts tag libraries. Used Struts tiles as well in the presentation tier, participated in coding Spring AOP components for the Transactional Model to handle many requests. Involved in writing JSP and Servlet components guide Automation practices for QA team
* Actively involved in designing and implementing the application using various design patterns such as Singleton, DAO, Front Controller, Service Locator, Business Delegate, Façade, and Data Access Object, used Java Message Service (JMS) for the reliable and asynchronous exchange of important information such as loan status report.
* Involved in the JMS Connection Pool and the implementation of publish and subscribe using Spring JMS. Used JMS Template to publish and Message Driven Bean (MDB) to subscribe from the JMS provider.
* Used Hibernate, object-relational mapping (ORM) solution, the technique of mapping data representation from MVC model to Oracle Relational data model with the SQL-based schema.
* Setting up Linux servers with JBoss, Apache, JDK 1.7, JIRA, Bamboo, Stash, and Git. Worked on various use cases in development using Struts and testing the functionalities.
* Develop Isolated tests in JRuby with Gherkin/cucumber using Spring Beans config and mocks and execute the tests in an isolated environment and Implemented in Ruby, Java, and JRuby and used a number of AWS Services
* Also, help set up some of the AWS accounts peered with Shared Services so some users can use their CORP login creds for logging into AWS accounts, help set AWS federation with on-prem Shared Services.
* Used JUnit framework for unit testing of application and Log4j to capture the log that includes runtime exceptions.
* Worked on Agile, SCRUM development methodology and built the application with Test Driven Development (TDD), deployed the application on Web Sphere Application Server.
* Used ANT as a build tool and IVY as dependency tool. Used CVS version control for implementing the application.
* Work involved extensive usage of HTML, DHTML, CSS, JQuery, JavaScript, and Ajax for client-side development and validations.
* Learned the QA industry processes, how to black box test, QA Methodologies, interfacing with clients, self-managing time. Learned a tiny bit of python along the way as well.
* Re-wrote several pieces to make them compliant with the emerging JSF standard, experience in working with relational database MySQL developed complex SQL queries for extracting data from the database.

**Environment:** Core Java, J2EE, JSP 2.0, Struts 1.2, EJB 2.0, JMS, JNDI, Oracle, DHTML XML, DOM, SAX, Rational Rose, Groovy gails, UNIX, IBM Web Sphere Application Server 5.1, Hibernate 2.0, spring, Bamboo, LOG4J, CVS.

**Client: HSBC Bank, India Jan 2012 – Nov 2014**

**Role: Java/J2ee Developer**

**Responsibilities:**

* Involved in Software Development Life Cycle (SDLC) of the application, requirement gathering, design analysis, and code development.
* The application was deployed on Web Sphere Application Server. Coordinated with testing team for the timely release of the product.
* Used JUnit framework for Unit testing of application and Spock Groovy framework for Automated Functional Testing.
* Involved in various phases of the Software Development Life Cycle (SDLC) such as Requirement Gathering, Design, Development, System Testing and UAT bug fixes, knowledge on end to end to flows of Business requirements.
* Developed application using the EJB, J2EE, responsible for understanding the existing system and help the data modeler to develop the new data model for the newly developed application.
* Responsible for developing business logic, writing SQL queries, PL/SQL procedures for generating the data from Oracle database.
* Responsible for writing service layer and DAO - Data Access Objects for the projects, involved in writing complex queries for the application and also fine-tune the queries used in DAOs (Data Access Objects).
* Created design documents with use case diagram, class diagrams, and sequence diagrams using Rational Rose, involved in the Requirements & Analysis from the business team.
* Implemented session beans to handle the business logic for fund transfer, loan, credit card & fixed deposit modules.
* Worked with various core java patterns such as Service Locator and Factory Pattern at the business layer for effective object behaviors.
* Worked on JAVA Collections API for handling the data objects between the business layers and the front end.
* Written complicated SQL for retrieving the data more efficiently in less time, developed an application using the EJB, Spring MVC, extensively worked with SPRING framework and also struts config files.

**Environment:** JBoss, J2SE, EJB, Core Java, JSP, Servlets, Hibernate, Tomcat 5.0, Frame Work, Struts, Test Case, JUnit, J builder 5.0, ANT, Eclipse, CSS, JavaScript, Oracle Fusion /BAM, XML, XSL, Log4j, JMS, solr, Web Service.