**Neelima S**

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**PROFESSIONAL SUMMARY**

* Highly skilled and results-oriented with over 7+ years of experience with Java/J2EE technologies specializing in all phases of software development lifecycle Analysis, Design, Development, Deployment, Testing and Maintenance of application software.
* Expertise through all parts of Software Development Life Cycle (SDLC) in developing web applications using JAVA, J2EE, Spring, Spring Boot, Spring, Hibernate, Web services, Rest Services, SOA etc.
* Experienced in Core Java, Collections, Multi-Threading, Exception handling, File I/O, Design Patterns, OOPS Concept.
* Implementation, testing, integration, and production support of the enterprise web application using Java/J2EE technologies/framework.
* Expert knowledge of modern back-end JavaScript (Node.js), front-end JavaScript, Angular 2.0, HTML, & CSS, including libraries and frameworks.
* Good Working knowledge on Continuous Integration using tools like Jenkins, Platform as a Service (PaaS) using tools like Cloudbees Forge
* Worked with web technologies like JSP, Html, Angular JS, CSS, Servlet, Java scripts (used frameworks-JSON) jQuery, MVC frameworks (Struts, Spring MVC, IOC/DI, AOP) other frameworks (Hibernate, EJB, JUNIT) and Database (Oracle, MySQL and DB2).
* Expertise in analysis, design, development, testing and implementation of Java/J2EE application using Java, Spring, Hibernate, SOAP (JAX-WS), WSDL, SOA, RESTFUL Web Services (JAX-RS), Jersey Framework, Servlets, JAXB, JSON, Java Script, XML, XSD, SQL and using tools like Axis 2.0.
* Worked with ORM tools such as Hibernate and proficient in HQL.
* Expertise in Service Oriented Architectures (SOA- Web Services) using Apache Axis, WebLogic, JBoss and EJB 3.0 Web service framework.
* Experience in different application servers like JBoss/Tomcat, WebLogic and Orion
* Designed various modules of application/product with the knowledge of design patterns and OOPS concepts.
* Good experience in writing and performance tuning database queries and stored procedures using Oracle, DB2 and MySQL databases.
* Proficient in middleware development using Spring, Hibernate, Web Services, EJB, JDBC, JMS and IBM MQ.
* Good knowledge in usage of application and web servers such as JBoss, Tomcat and Web Sphere.
* Working experience with distributed systems using JMS, Message Queues, Spring JMS Integration.
* Experience in Spring DI, Spring AOP, Spring MVC, Spring Boot, Spring Data, Spring Templates (Spring JDBC, Spring Hibernate, Spring JMS), Spring Batch modules
* Experience in message streaming by using Apache Kafka.
* Expertise with using Cassandra, Oracle, SQL Server, MySQL, MongoDB databases and writing and tuning SQL and PL/SQL queries.
* Experience working on GI and Windows Environments
* Experienced in WAMP (Windows, Apache, MYSQL, and LAMP (Linux, Apache, MySQL, Python/PHP) Architecture.
* Good Experience with Spring Boot, a high - level Java framework. Experience in object-oriented programming (OOP) concepts using Java 8, Spring core and Linux.
* Experience with various MVC Java frameworks like Angular.JS, EXT.JS, Backbone.JS, Node.JS, EmberJS, BootstrapJS, RequireJs, D3.JS, etc. Responsible for developing the partner
* Having good experience in build tools like ANT/Maven and logging like Log4J/SL4J.
* Extensive J2EE development experience in different IDE tools like Eclipse and Rational Rose.
* Experienced in RESTful web service development, JSON, Maven (build automation tool), GIT (source code management system), STS (Eclipse-based development environment), Sonar (code quality analysis tool), JIRA, OAuth, Jenkins, uDeploy.
* Experienced in Coding, testing, analyzing/fixing production defects/issues using Core Java&J2EE technologies and involved in code and design review process of team members.
* Experienced in TDD (Test Driven Development) using Junit, Cucumber, Selenium and created technical design document containing architecture of the application/module/product.
* Working in MySQL, RDS database with node.js framework to develop APIs.
* Worked on Design and development of RestFul APIs using Node.js and JSON.
* Troubleshoot, analyze, and check production support issues in the existing EMS application and fixed bug in given timeframe
* Experienced in Version Control Systems such as SVN, CSV and used tracking tool JIRA.
* Experienced in Document preparation including Design Documents, Technical help documents, User training documents and Test Cases.
* Experienced in designing part of User Interface to display the trading records with different options by using Json, HTML, CSS, JQuery and use Angular to do input validation such as username and password
* Working as a team extended across the world at onshore and offshore locations, projects teams included 30+ resources and always keep up with new technology trends with a view to applying changing technology solution patterns.

**TECHNICAL SKILLS**

**Languages**: Core Java, J2EE, C, C++, PL/SQL.

**Scripting Languages**: JavaScript, PHP, Perl, **Node.js,** Cross site (XSS).

**Web/XML Technologies**: HTML, DHTML, CSS, JavaScript, Servlets, JSON, JSP, jQuery, DOM, XML, JAXB, Angular JS, **Node JS**.

**API & Frameworks**: EJB (MDB), Hibernate, Spring, Struts, Log4J.

**Apache Projects**: Ant, MAVEN, and Apache POI.

**Tools & Utilities**: Eclipse, Net Beans, RAD, WSAD, Editplus, JCreator, Dreamweaver, Textpad, Toad, SQL Developer, SOAP UI, JMS.

**DBMS**: Oracle, MS SQL Server, MySQL, DB2, Sybase, RDBMS, MS Access, MongoDB, RethinkDB.

**Web Servers**: Tomcat, IIS, JWS, Apache, JBoss.

**Source Control**: Rational Clear Case, Microsoft VSS, PVCS, CVS, SVN.

**UML Design Tool**: Visual Studio, IBM Rational Rose

**Bug Tracking Tools**: JIRA, IBM Clear Quest, Bugzilla.

**Testing/ Logging Tools**: JUnit, Http Unit, WinRunner, Log4j, LoadRunner.

**Operating Systems**: Windows VISTA/XP, UNIX, Ubuntu, linux

**App Servers**: WebLogic, JBoss, Tomcat.

**SOA**: SOAP, EJB, WSDL, Apache Axis Web Services, WebLogic Web Services.

**Version Control**: Clear Case, CVS, VSS, SVN, TFS (Team Foundation Server)

**Scripting**: Ant, Maven, Java Scripts

**IDE**: Eclipse, IntelliJ, JBuilder, Rational Rose, Together-J, ER Studio, MS Visio.

**EDUCATIONAL DETAILS**

* **Master of Science (Information Systems)** from Harrisburg University of Science and Technology.
* **Bachelors in Electronics and Communication** from JNTU, Hyderabad, India.

**PROFESSIONAL EXPERIENCE**

**Herc Rentals, Bonita Springs, FL March’2017- Present**

**Java Backend / Node JS Developer.**

Played key role in developing complex Java applications. Implemented MVC design patterns, RESTful web services, Angular 2 and advanced frameworks. Integrated modules and features.

**RESPONSIBILITIES:**

* Responsible for system analysis, design and development using **J2EE** architecture.
* Involved in various phases of Software Development Life Cycle (**SDLC**) as requirement gathering, modeling, analysis, architecture design & development and the project was developed using Agile Methodology.
* End-to-end Project Management, including customization of product based on the customer's requirement, meeting delivery deadlines on development, testing, implementation phases of the system and customer relationship consulting.
* Performed application design development maintenance enhancements and testing using **JUnit** framework.
* Used Velocity to generate Rally, **SQL** and other output from templates.
* Utilized **Node.js** and **Angular** for scalable website architecture and real-time technology.
* Essentially worked on Message Routing and Kafka Broker implementation in node.js.
* Used Bootstrap front-end framework for faster and easier web development with **MySQL** database, **Node.js** as the backend.
* Expertise in client scripting language and server-side scripting languages like **JavaScript, jQuery, Node.js**, Express.js, React.js, Redux, Angular.js 1.5.
* Used **SQL** database and created **RESTFUL** web **API** using Node.js which were consumed by making AJAX calls using jQuery to transmit data from server to client.
* Involved in creating custom **Angular** directive and attaching it with the **HTML** elements following the camel case naming convention.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Redux concept.
* Created several new Angular views, filters, and extra controllers used for chat queue monitoring, populating data stores for charts, and creating/editing users. Data was stored in **RethinkDB**, **NoSQL DB in JSON** format.
* Implemented Router Module, using Resolver to solve page load issue, used **Node.js** and Express.js to set up backend API, used postman to test **API and Http Client to call Node.js API**.
* Used **Angular** **JS, HTML, and CSS** to develop presentation layer to make it more user friendly.
* Designing and editing **GUI** with innovation and creativity with the help of graphs, charts, other diagrams, etc.
* Taken care of Java **Multithreading** in common java classes / library.
* Used Angular along with HTML and JavaScript to facilitate DAO services.
* The entire application was developed in **J2EE** using **MVC** based architecture, Spring Integration (**STS**).
* Used spring (3.7.0) **IOC** for dependency injection and Spring AOP for cross cutting concerns like logging, security, and transaction management.
* Developed **Kafka** producer and consumer components for real time data processing.
* Developed and continuously deployed java-based applications using **CICD** techniques.
* Hands on experience in using streaming platforms like Apache Kafka.
* Supported Apache Tomcat web server on **Linux** Platform.
* Backend development with **PHP, MYSQL, BASH, LINUX, UNIX**
* Developed applications using WebSphere, Python Scripting, PowerShell, **Linux**, Cloud Puppet, Chef, Ruby on Rails, vSphere, vCenter, **vCloud**, **vFabric**, **WebLogic**, Apache, and Tomcat.
* Produced and consumed Kafka for data streaming.
* Performed software builds using make files,VM 8 and Subversion in a **Linux** and Windows environment.
* Developed python scripts, on **Linux** platform, to process data from upstream systems that were scheduled to be executed at specific times by Autosys
* Experience in **CI/CD** tool, **Maven**, **Jenkins**, IBM uDeploy.
* Involved in Test driven development using **Selenium, cucumber and Junit.**
* Developed build and deployment scripts using **MAVEN** as build tools in Jenkins to move from one environment to other environments.
* Implemented a metrics collection mechanism for the server by utilizing **Apache Kafka** to stream server-side events.
* Used **MongoDB** as data storage and utilized aspects like replica sets, Shading and clever document design to make service extensible scale and feature wise.
* Worked in Building application platforms in the Cloud by leveraging **Amazon Web Services**, open source technologies & best engineering practices of **CI/CD**.
* Open source search **UI/plugin** for **Elasticsearch** using **Angular**.
* Comfortable working with **MEAN** (**MongoDB, Express, Angular, NodeJS**) stack.
* Integrate between client side implemented by Angular with **RESTful** API implemented by Spring.
* Troubleshoot, analyze, and check production support issues in the existing EMS application and fixed bug in given timeframe.
* Designed, developed and maintained the data layer using Hibernate 3.0 and used **Spring** **ORM** to integrate with Hibernate.
* Worked with Passport and JSON web tokens for authentication and authorization security configurations using **Node.js.**
* Developed crypto rest services using NodeJS and integrated services with HSM (Hardware Security Module).
* Involved in the SOA implementation using Axis/**WebLogic** web service framework for different product integrations and Web Service interfaces using SOAP.
* Worked with npm commands and using package.JSon for managing dependencies and dev-dependencies of node js applications.
* Worked with modules like MongoDB and mongoose for database persistence using **Node.js** to interact with MongoDB.
* Deployed the application and tested on **WebLogic** Application Serve.
* Developed user interface by using the React JS, Redux for SPA development.
* Expertise in developing and deploying applications on servers such as **BEA**, **WebLogic**, **Apache Tomcat,**
* Clustered **WebLogic** and JBoss for high availability.
* Fixed **Fortify** High Risk Security issues, system wide.
* Integrated **Jenkins** to support build, deployment and **fortify** code scan.
* Wrote internal and external API services using **Node.js** modules
* Design of **REST APIs** that allow sophisticated, effective and low-cost application integrations.
* JMS and Webservices was used to communicate with Allocation system and middle office risk system, finally routing the trades to settlement systems
* Use GIT as a version control , Create proof-of-concept using responsive web design, React JS, HTML5 and CSS3.Use the Node.js for MVC Frameworks in the development of the web applications
* Provided **JUnit** support for the application for debugging the system and Test-Driven Development.
* Created **Git** repositories to be managed by Bitbucket 4.3. Utilized Jenkins 1.6 (**Cloudbees** Jenkins Platform) to create build and deployment plans used during the SDLC. **Jira** 6.1 used for project management.
* Defined hibernate (ORM) mappings for Business objects.
* Used **AJAX** in suggestion list and to display dialog boxes.
* Developed Web Services using **WSS SOAP, WSDL, UDDI and XML**.
* Created Stored Procedures using **PL/SQL**.
* Performed unit testing using **JUNIT** framework and used jQuery test cases for testing action classes.
* Monitored the logs using Log4j and fixed the problems and used **Git HUB and GitUI** for version control.
* Used Maven, Tomcat and **Jenkins** to automate the build and deployment process.
* Upgrading grid infrastructure from 10g to 11g/12c versions along with database upgrades.
* Migrated the code from **Mongo Database to Mark logic Database**.
* Extensive Experience in UNIX **shell scripting** and **Perl** Programming.
* Involved in research activities for determining frameworks and technologies feasible for the development of application.
* Conduct knowledge sharing sessions among the team members in technical areas.

**Environment**: Java, Spring 3.7.0, jQuery, Servlets, JDK 1.8, Java Script, XML, XSD, JUNIT, Eclipse IDE 4.5, AJAX, MS-SQL Server, PL/SQL, Splunk, Log4j, GitHub, GitUI 1.9.5, Jenkins, Maven, WebLogic, Angular, CI/CD Jenkins, Cloudbees, Fortify, RabbitMQ 3.5.4, MongoDB, 1.6.9, Mark Logic, Apache Maven 3.8.3, SOAPUI 5.0, WINSCP 5.7.4, PUTTY 0.65, oracle 12c.

**Express Spirits, St. Louis, MO July’ 2016- Feb' 2017**

**Java / Node JS Developer**

**RESPONSIBILITIES:**

* Involved in the analysis, design, and development and testing phases of Software Development Lifecycle (**SDLC**).
* Followed **AGILE** Methodology and coordinated with product owners to gather requirements.
* Developed business components using core java concepts and classes like **Inheritance, Polymorphism, Collections, Serialization and Multithreading etc.**
* Used **SPRING** framework that handles application logic and makes calls to business objects and services mainly SOAP Web services.
* Implemented **DAO** for data access using Spring ORM and **HIBERNATE**.
* Extensively used Hibernate concepts such as inheritance, lazy loading, dirty bit checking, optimistic locking, and transactions.
* Worked on Node.js Middleware framework
* Took care of writing the **Junit** test cases for every module developed.
* Developed a Web Service (**SOAP, WSDL**) that is shared between front end and cable bill review system.
* Created build, deployment and configuration related scripts for **Maven**.
* Code quality check using **PMD**, Code coverage checks using **SONAR**.
* Develop **JUNIT** test cases for application unit testing.
* Implement **Hibernate** for data persistence and management.
* Used Spring Framework for Dependency injection and integrated with the Spring Web Flows
* Used **SOAP UI** tool for testing web services connectivity.
* Used **JBPM** which provides workflow support when multiple applications are working on a source.
* Used **SVN** as version control to check in the code, created branches and tagged the code in **SVN**.
* Used **Log4j** framework to log/track application.
* Developed internal services using **Java and Node.js**
* Worked on Prototyping and Implementation using **Java, Node JS, AWS** with Slacker platform.
* Responsible for effective communication between the project team and the end user.
* Designed **Use Case Diagrams, Class Diagrams, Sequence Diagrams and Object Diagrams**, using Rational Rose XDE to model the detail design of the application.
* Developed the application front end using Jakarta Struts Framework: developed action classes, form beans and Java Server Pages using **WSAD**.
* Implemented **MongoDB, Mongoose(ODM)** framework with **Express.js and Node.js** as back end.
* Extensive experience in Amazon Web Services (**Amazon EC2, Amazon S3**, **Amazon Simple DB, Amazon RDS**, Amazon Elastic Load Balancing, Amazon SQS, AWS Identity and access management, AWS Cloud Watch, Amazon EBS and Amazon CloudFront).
* Designed and implemented Business Delegate, Session Facade and **DTO** Design Patterns.
* Deployed the applications on **IBM** Web Sphere Application Server.
* Integrated Amazon Cloud Watch with Amazon **EC2** instances for monitoring the log files and track metrics.
* Wrote **JAXB XML** parsers for XML Schema Validation and used SOAP for sending and getting data from different applications.
* Involved in writing java API for Amazon Lambda to manage some of the AWS services.
* Designed and developed the framework to consume the web services hosted in Amazon EC2 instances.
* Managing Amazon Web Services (AWS) infrastructure with automation and orchestration tools such as Chef.
* Extensively used **JDBC** in data access layer to access and update information in the database
* Used **XSLT** to transform my **XML** data structure into **HTML** pages.
* Used **XML Web Services** using **SOAP** to transfer information to the Credit Monitoring Systems.
* Used **JPA** for mapping business objects to database.
* Used **JDBC** to invoke Stored Procedures and database connectivity to **ORACLE**.
* Written and debugged the ANT Scripts for building the entire web application.
* Developed **JUnit** test cases for all the developed modules.
* Monitored the error logs using Log4J and fixing the problems.

**Environment**: Java/J2EE, Core java, Struts, XML Web Services, Hibernate, JSP, Oracle, HTML, CSS, JavaScript, IBM WebSphere, JDBC, SOAP, CVS, JUnit, ANT, Log4J.

**Bank One, Chicago, IL June’ 2014- Jan’ 2016**

**Java Developer:**

**RESPONSIBILITIES**:

* Worked in **AGILE** based development Environment.
* Developed Use Case Diagrams, Object Diagrams and Class Diagrams in **UML** using Rational Rose.
* Worked on **Spring IoC**, **Spring MVC framework, Spring Messaging Framework and Spring AOP** to develop application service components.
* Developed User interface using **JSP, Angular JS, JSP** Tag libraries, third party libraries and **JavaScript**.
* Used JavaScript, jQuery and Ajax API for intensive user operations and client-side validations.
* Primarily focused on the spring components such as **Spring MVC, Dispatcher Servlets, Controllers, Model and View Objects, View Resolver.**
* Identified and created Enterprise Java Beans (**EJB**).
* Creation of **Hibernate** mapping files to develop Database tables from Classes and generation of database schema.
* Created **SOAP** Web Services (JAX-WS using Axis 2.0) for inputting rate summary, also used **WSDL and SOAP** messages (**XML** technologies) for getting data from different module and **SAX XML** parsers being used for data retrieval.
* Wrote SQL Queries and stored procedures for data manipulations with the Oracle database.
* Used Oracle 11g as Databases and wrote SQL queries for updating and inserting data into the tables.
* Developed Ant Scripts for the build process and deployed in **EAP** Server.
* Involved in the creation of various Data Access Objects (**DAO**) for addition, modifications and deletion of records using various specification files.
* Used **CVS** for version control, ClearQuest 2003 for bug tracking along with handling Client change requests and enhancements.
* Modified Log4j for logging and debugging and developed the pom.xml using Maven for compiling the dependencies.

**Environment**: Java 1.7, JSF 1.2, SSL, Spring 4.0, XML, Oracle 11g, Web Services, Web sphere, SOA, SOAP UI, WSDL 1.1, SAX, JavaScript, jQuery, Maven, HTML, Angular JS, Oracle 11g, JNDI, IBM WebSphere 6.1, CVS 1.1, Log4J 1.2, JIRA 6.3 and JUnit 3.8.

**Ecotech IT Solutions Pvt. Ltd. Pune, India May’ 2012 to April 2014**

**Java Developer**

**RESPONSIBILITIES**:

* Created various modules and components as per business requirement.
* Provided technical support for various key business releases.
* Coordinated with multiple teams to resolve various issues involved as part of big releases.
* Built the backend services, which will be consumed by action classes of studs.
* Created **SOAP** web services to allow communication between the applications.
* Developed and analyzed the front-end and back-end using **JSP**, **Servlets** and **Spring** 3.0
* Worked with **Agile** methodology.
* Used **Spring** framework for dependency injection, transaction management.
* Used Spring **MVC** framework controllers for Controllers part of the **MVC**.
* Used Java Message Service (**JMS**) for reliable and asynchronous exchange of important information, such as loan status report.
* Implemented various complex **PL/SQL** queries.
* Worked with testers in resolving defects in the application and was an integral part of the team.
* Interacted with Business Analysts to come up with better implementation designs for the application.
* Interacted with the users in case of technical problems & mentoring the business users.
* Worked with the **ISP** Site Development to get any infrastructure related issues fixed.
* Implement the best practices and performance improvement / productivity plans.
* Co-ordination of activities between off-shore and onsite teams
* Developed the presentation layer and content management framework using **HTML and JavaScript**.

**Environment**:

JAVA/J2EE, Servlets, JMS, Spring, SOAP Web Services, HTML, Java Script, JDBC, PL/SQL, XML, UML, UNIX, MySQL, JBOSS, Apache Tomcat, Eclipse

**Cytrion Software Solutions Pvt. Ltd. Hyderabad, India Jan’ 2011- Apr’ 2012**

**Java developer Intern**

**RESPONSIBILITIES**:

* Analysis and understanding of business requirements.
* Effectively participated in weekly client communications with Business Analysts.
* 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.
* Developed views and controllers for client and manager modules using **Spring MVC** and Spring Core.
* 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.
* Developed Web Services using **XML** messages that use **SOAP**, Created **WSDL** and the **SOAP** envelope.
* Developed Exception handling framework and used log4J for logging.
* Developed and modified database objects as per the requirements.
* Involved in Unit integration, bug fixing, acceptance testing with test cases, Code reviews.

**Environment**: Java 1.5, Spring Framework, JSP, Hibernate 3.6, JUnit, UML, XML, CSS, HTML, Oracle 9i, Eclipse, Java Script, Rational Rose, ant.