# Hitesh

# Sr. Java Full Stack Developer

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**Professional Summary:**

* Around **8** years of experience in IT industry comprising of Java/J2EE enterprise web application design, development, maintenance & support involving all SDLC activities like requirements analysis, design, implementation, reviews, unit testing, integration testing and production deployments. Worked on Amazon Web Services like EC2, ELB, VPC, S3, Cloud Front, IAM, RDS, Route 53, Cloud Watch, SNS, Auto Scaling, Elastic Load Balance, AMIs, Dynamo DB, firewalls, routing technologies and DNS, Amazon RDS DB services.
* Experience in developing application using **TDD**(Test Driven Development) & Unit testing process.
* Professional experience in using core Technologies **Java**, **J2EE, Servlets**, **JSP, JDBC, JavaBeans**, **JavaScript, JNDI, HTML, XML, Web services, Angular JS, Bootstrap framework, Jquery**.
* Good experience on working with Amazon **Web Services**like **EC2, S3**, Amazon Simple **DB**, Amazon **RDS**, Amazon Elastic Load Balancing, Amazon **SQS**, AWS Identity and access management, AWS Cloud Watch, Amazon EBS and Amazon Cloud Front.
* Experience in working with Struts **framework,** **Hibernates,**and **MVC**architecture.
* Experience on Hibernate for mapping the java objects to relational database and SQL queries to fetch the data, insert and update the data from the database.
* Expertise with using **Oracle, SQL Server,** **MySQL**databases and writing SQL and PL/SQL queries.
* Experience in using Web/Application servers like **WebLogic**, **JBoss**, **Glassfish**and **Tomcat.**
* Well experienced in functional and technical systems analysis & design, system architectural design, presentation, process interfaces design, process flow design, and system impact analysis and design documentation and presentation.
* Experience in working on **MVC** pattern using Angular JS, creating user interface and single page web application.
* Experience in JVM Performance Tuning: Garbage Collector and Heap Analysis, Thread dumps, Heap dumps, Memory Leaks, Connection Leaks, Core Dump, Profiling, Refactoring.
* Extensive knowledge in database transactions management for database related changes by integrating **JDBC**, Hibernate with spring boot.
* Experience with Data structures & Algorithms like Stack, Queue, Linked List, Linear - search, bubble-sort, and binary-search algorithms etc.
* Experience on  **Github** for the version control .
* Good Knowledge in **NOSQL**data base like **DynamoDB**and **MongoDB**
* Experience in design and maintenance of database platforms like **JDBC**and **Hibernate**.
* Experience in **UNIX/Linux**shell scripts for data-driven automatic processing.
* Experience in selecting the appropriate **AWS** service based on compute, data, or security requirements.
* Experience in Integration of Amazon Web Services **AWS** with other applications infrastructure.
* Experience in utilizing **EBS** to store persistent data and mitigate failure by using snapshots.
* Experience in using Jenkins for Continuous Integration and Sonar jobs for java code quality.
* Experience in writing **ANT**, **Maven** build scripts, providing logging facility using Log4j and Writing JUnit test cases.
* Good experience in SCRUM process of Agile (Iterative) development methodology.
* Experience in setting up AWS Oracle **RDS**databases for new project, use data pump to migrate data to Relational Database Services (RDS).

**Technical skills:**

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| **Operating Systems** | Windows, Red Hat Linux, Unix, Mac OS |
| **Programming Languages** | Java, J2EE, C, C++ |
| **Scripting Languages** | JavaScript, JQuery, Perl, Python, Scala, HTML, Ruby, ShellScript, SSH, Bash |
| **Java/J2EE Technologies** | JDK, JVM, JRE, Swing, AWT, Applets, JDBC, Servelets, JSP, Struts, Spring, Spring MVC, Spring Boot, MyBatis/ iBatis, Hibernate, JTS, JTA, JavaMail, WebServices, RMI, JPA |
| **Web Development** | Angular JS, Angular 2/4, Node JS, React JS, Bootstrap, Backbone.js, HTML, DHTML, CSS3, Java Script, Type Script, Struts Tag Library, JSON, JSTL |
| **Web Services** | REST, RESTful, SOAP, WSDL, UDDI, JAX-WS, JAXB, JAXRS, JAX-RPC |
| **Cloud Technologies (IaaS/PaaS/SaaS)** | Amazon Web Services (AWS), Microsoft Azure, Google Cloud, Rackspace, Pivotal Cloud Foundry |
| **AWS Services** | EC2, ECS, VPC, S3, IAM, CloudFront, Glacier, RDS, Aurora, Security Groups, AutoScaling, SNS, SES, SQS, CloudFormation, EBS, ELB, Lambda, DynamoDB, RedShift, Route 53, CloudWatch |
| **Frameworks** | Struts, Spring (MVC, AOP, DAO, ORM, Core), Spring Boot, Hibernate, MyBitis/iBitis |
| **Application/Web Servers** | Apache Tomcat, JBoss, GlassFish, NginX, WebSphere, WebLogic, Jetty |
| **Methodologies/ Design Patterns** | Agile, MVC, DAO, Factory pattern, Singleton, Delegation. |
| **Relational Databases** | Hive, Oracle, MySQL, PostgreSQL, IBM DB2, SQLite, MariaDB, SQL Server, MSSQL |
| **NOSQL Databases** | Mongo DB, Cassandra, DynamoDB, HBase, CouchDB, Redis, Neo4j |
| **IDEs** | Eclipse, IntelliJ IDEA, NetBeans, Android Studio, JDeveloper, Visual studio code |
| **Build Automation** | Gradle, Maven, Ant, Grunt, Gulp |
| **CI/CD** | Jenkins, Electric Commander, Bamboo, Hudson, Cruise Control |
| **Bug Tracking and Logging Tools** | JIRA, BugZilla, Firebug, ALM, HP Quality Centre, Log4J |
| **Version Controls** | Git, GitHub, Subversion (SVN), CVS |
| **Testing Tools** |  JUnit, TestNG, Mockito, PowerMock, EasyMock, SoapUI, Jasmine, Karma, Selenium Web Driver, Cucumber, HP ALM |
| **Message Queues** | Kafka, RabbitMQ |

**Professional experience:**

**Ascension Technologies, St Louis, MO**

**Java Full Stack Developer**

**November 2019 – Till date**

**Responsibilities:**

* Developed overall new layout of the web portal.
* Involved in all the phases of the portal changes - analysis, design, development, testing and deployment.
* Developed User Interface using the **HTML,** **Bootstrap,** **CSS3,** **JavaScript,** and **Angular JS.**
* Used spring framework features like **Spring IOC**, **Spring AOP** and **Spring Batch**.
* Spring configuration files are created for dependency injection.
* Designed and deployed XML files for Dispatcher Servlets, Application Context and Controllers to implement the Inversion of Control **(IOC)** module in spring.
* Developed micro services in cloud environment.
* Developed new user -facing features using **React.JS.**
* used Cloud formation templates (**CFT**) to find the resources that needed for the formation of cloud formation stacks
* Used **NOSQL** database Amazon dynamo DB to store data of reporting Application.
* Used Amazon Cloud Watch to monitor **AWS** services and Amazon Cloud Watch logs to monitor application.
* Implemented Object-relation mapping in the persistence layer using Hibernate (ORM) framework. Extensively used DAO patterns, including mapping DAO objects, configure file and classes to interact with database.
* Developed Web pages by using **HTML5**, **CSS3** with **LESS**, **Angular** **JS** and Angular UI Bootstrap.
* Developed **Java API** to interact with the **Amazon SQS** used in sending bulk emails.
* Generated **JSON** format data packets from middle-tire controller to front-end using Jackson JSON API.
* Used **JSON** for data exchange between browser and server.
* Used **JSR353** for processing and manipulating **JSON** objects.
* Modeled **JSON** data from database and coded request handlers for parsing and sending relevant data to client (browser) side.
* Developed web services using **JAX-WS** to interact with legacy applications (backend processes).
* Used **Apache SVN**for repository management and **Ant**for build management.
* Updated database scripts to accommodate changes due to UI overhaul (for both **Oracle** and **PostgreSQL).**
* Involved in writing SQL stored procedures on **Oracle** and **PostgreSQL.**
* Developed interactive web application using **Node Js** a pure java script application frame work.
* Selected the appropriate **AWS** service based on compute, data, or security requirements.
* Integration of Amazon Web Services (AWS**)**with other applications infrastructure.
* Worked with **Docker**to improve our (CD) Continuous Delivery framework to streamline releases
* Used**JIRA** for defect management and to keep track of bugs and issues.
* Built application using **MAVEN**and used **Log4J** to generate log files for the application.
* Implemented Spring Boot, dependency Injection (**DI**) and aspect oriented programming (**AOP**) features along with hibernate.
* JUnit/Mockito Frameworks were used for performing unit & integration testing by writing test cases.
* Used Client side **MVC** frameworks like **Angular JS** Single Page Application developments.
* Ported the application's native application and database servers from **WebSphere**/**Oracle to JBoss**/**PostgreSQL**.

**Environment**: Java/J2EE, Spring 3.2.5, Hibernate 4.0, Struts 2.3.3, EJB 3, Windows (development), RHEL 5 (deployment -JBoss), WebSphere 8, JBoss EAP 5, Bootstrap, Java Script, Angular JS, Node Js, Oracle 11g, PostgreSQL9, UML, SVN, AJAX, ExtJs 3.3, JSR 353, JNDI, JAX-WS, Ant, AWS (Amazon Dynamo DB, Amazon SQS, Amazon Cloud Watch, Amazon Lambda), Agile Scrum.

**Fidelity, Westlake, TX**

**Java Full Stack Developer**

**October 2018- August 2019**

**Responsibilities:**

* Designed and developed Application using Spring **MVC**and Spring Templates.
* Used various Core Java concepts such as Exception Handling, Collection API's to implement various featuresand enhancements.
* Used Spring Core for concept of Inversion of control **(IOC**) and implemented using dependency injection.
* Used Oracle 11g hosted in Amazon RDS as the Database.
* Designing, coding, unit testing, defect fixing, deployments, issues debugging, etc. for multiple modules in CONGO.
* Used Hibernate for connecting to the database and mapping the entities by using hibernate annotations.
* Designed and developed the framework to consume the web services hosted in Amazon **EC2**instances.
* Worked with **Spring Core**, **Spring MVC** Framework for Dependency Injection (DI), and Spring Context to provide message sources.
* Built reusable components and front-end libraries by using **React.JS**.
* Amazon **EC2** is also used for deploying and testing the lower environments such as Dev, INT and Test.
* Amazon**IAM** was used to maintain the user credentials and also involved in creating custom **IAM** policies to various groups defined within the organization.
* Object storage service **Amazon S3** is used to store and retrieve media files such as images.
* **Cloud Watch** is used to monitor the application and to store the logging information.
* Involved in writing **Java API** for Amazon Lambda to manage some of the **AWS** services.
* Exported **SQL** data in to Elastic search to allow much faster and scalable user searches from the database.
* Developed **Angular JS** Single Page Application consuming **JSON** data from Restful services.
* Used Angular JS framework for building web-apps and is highly efficient in integrating with Restful services.
* Debugging production issues, root cause analysis and fixing.
* Developed front end using the **JSF, JSTL, HTML5, CSS3, JavaScript, Jquery**and**Angular JS.**
* Developed Junit test classes for unit testing purposes.
* Involved in setting up **Maven** configuration and helping Continuous Integration (**CI**) Issues.
* Developed server running script for automation using the **JBoss** application server
* Extensively used **GIT** as the version controlling Tool.
* Configured **Log4j** for adding the debugging information in the code base.
* Involved in debugging the defects, code review and analysis of Performance issues.
* Integrated different other modules with current existing reporting applications.
* Extensively used JUnit/Mockito and developed JUnit tests classes.
* Involved in Jenkins configuration.
* Worked on production issues, used JIRA for a issue tracking.

**Environment:** Java, Multithreading, core Java, Spring 4.0, Hibernate ORM 4.3.0, Spring web-flow, Spring MVC, Spring AOP, Spring Hibernate, JSP, JSF 2.2, JSTL, HTML5, CSS3, Ajax, Java Script, AngularJS, Node Js, XML, Web services (Soap and Rest), JBoss 6.3, Oracle11g, Amazon EC2, Amazon S3, Amazon Cloud Watch, AWSLambda, Amazon IAM, Elastic Search, GIT, JIRA, Junit, Unix, Log4j.

**First Data Corporation, Omaha, NE**

**Senior Java Developer**

**January 2017 – July 2018**

**Responsibilities:**

* Used the spring framework features like Spring **IOC**, Spring **MVC**, Spring Batch.
* Created **POJO** classes, spring configuration files to use dependency injection.
* Introduced the concept of rich web based user interface design with the implementation of an **AJAX** based JavaScript framework.
* Developed the services for auto and home policy premium derivation by interacting through **EAI**Services, Web Services for Quote.
* Developed Hibernate mapping file and the **HQL** queries for retrieving data from the Oracle database.
* Used **IBM** WebSphere Application Server and**RAD** to develop the application.
* Used**MySQL** as backend Database.
* Used **Javadoc**tool parses the declaration and documentation comments in set of java source file and produce a corresponding set of HTML pages.
* Used Hibernate in data access layer to access and update information in the database.
* Involved in integrated unit testing and code review.
* Developed Junit test cases for all the developed modules.
* Implemented WSDL XML document to located and describe the Web services.
* Implemented JAXB to convert XML to java object and java object to XML.
* Debugging production issues, root cause analysis and fixing.
* Integrated different other modules with current existing reporting applications.

**Environment**: Java, Spring 3.1, Hibernate 4.0, JSF, JSP, HTML5, Ajax, Java Script, Web Services, MySQL, WebSphere 8.5, IBM Clear case, Junit.

**InfocomNetworkLtd, Hyderabad, India**

**Java Developer**

**January 2016 – December 2016**

**Responsibilities:**

* Developed**UI** using **HTML**, JavaScript, and **JSP**, and developed Business Logic and Interfacing components using **Business** **Objects**, **XML**, and J**DBC**.
* Designed front end checking validations using **JavaScript**.
* Used Struts framework to follow **MVC**Architecture in the application server
* Managed connectivity using **JDBC** for querying/inserting & data management including triggers and stored procedures.
* Developed various **DAOs** for handling business logic and data manipulations from database.
* Consumed **SOAP** and **REST** Web Services to retrieve the information from the back end.
* Involved in design of **JSP**'s and Servlets for navigation among the modules.
* Designed cascading style sheets and **XML** part of Order Entry Module & Product Search Module and did client-side validations with java script.
* Review Requirement, develop technical design documents and create a prototype of the critical business.
* Worked with Hibernate for developing Persistence classes to interact with the database.
* Implemented Web services for communicating one application to another application by using SOAP, WSDL and EJB Technology.

**Environment:** J2EE, Java/JDK, JDBC, JSP, Struts 2.0, Web Services, HTML, JavaScript, CSS, JNDI, JavaBeans, XML.

**Tera Soft, Hyderabad, India**

**Junior Java Developer**

**June 2013- Dec 2015**

**Responsibilities:**

* Addressing the Customer queries on time as a Primary support for the applications.
* Participate in the full test life cycle of the application on permanent fixes.
* Preparing documents for every maintenance and enhancement requests as per quality norms and uploading in Change request path.
* Developing Java Codes and user interface front end screens as per user request.
* Fix production support issues, data issues and ensure data integrity.
* Study of Functional Design Documents.
* Test Scripting and Test Execution
* Maintaining the documents related to quality audits and clearing the Noncompliance
* Worked mainly on the areas which value add to the projects like COST savings

**Environment**: Java, struts, Hibernate, SQL.