**Vinuthna**

**Java/J2EE Developer**

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**Professional Summary**

* Having 8 years of experience in developing enterprise, distributed web applications using **Java, J2EE, Struts, JPA, Hibernate and Spring.**
* Experience in Full SDLC cycle which involves architecture, analysis, design, development, testing, Implementation, deployment, Enhancements, and production support using **Agile and Waterfall Methodologies**.
* Good knowledge on Object Oriented Analysis, Design and Object modelling using **UML** like Class diagrams, Use cases, Sequence and Test Cases.
* Experienced in Behavior driven development (BDD) and Test-driven development (TDD) approach using **SCRUM** framework under **Agile Methodology.**
* Expertise in implementing applications with **Model-View-Controller(MVC)**pattern and implementing various **Java/J2EE** design patterns including Singleton, Factory, MVC, Front Controller, DAO, Data Transfer Object and Session Facade.
* Extensive experience in developing scalable reliable and efficient enterprise applications using in JAVA/J2EE Technologies which includes **Servlets, JSPs, Struts, Spring, Hibernate, Microservices, Java Beans, JDBC, JPA, JNDI, EJBs, JMS, SQL, PL-SQL, Socket programming**.
* Proficiency in webservice applications both producing and consuming **REST (Rest Easy, Jersey) API.** Strong understanding of **REST(JAX-RS), SOAP (JAX-WS)** based webservices and **WSDL, UDDI.**
* Good experience in **Spring modules** like **Core, AOP, Spring security, Spring Boot and Spring MVC.**
* Good knowledge on messaging services like **JMS Queue, Active MQ, Rabbit MQ, Kafka** which are used to establish the connections between the applications.
* Experience in developing the User Interface (UI) Applications and professional web applications using **HTML 4.0/5, CSS2/CSS3, JavaScript, Angular JS 2.0, React JS, Node JS, jQuery, AJAX, JSON, XHTML, XML and Bootstrap**.
* Experienced on developing the application and Web servers like **Web Sphere, Web Logic, JBOSS, Glassfish, and Tomcat** Server installation and maintenance.
* Experience in using **MVC, SOA** architecture and **Microservices** for implementing the client server business applications.
* Experience in using **Hibernate, MyBATIS**, as ORM tools and Java Objects.
* Exposure in implementation of different Database management tools (**Oracle 8i/9i/10g/11g, SQL Server, DB2, MySQL 5.x**) and experience in NoSQL Databases like **MongoDB and Cassandra**.
* Extensive experience in **Amazon Web Services** (R53, Amazon EC2, Amazon S3, Amazon Simple DB, Amazon SQS, Amazon Cloud, Amazon RDS, Amazon Elastic Load Balancing and Amazon EBS).
* Strong experience in developing and automating **Selenium testing with Web Driver, Selenium IDE, Java, Jenkins, Junit.**
* Experience in developing automated unit testing using **Jmeter** and Unit test cases using **Junit,EasyMock, Mockito** and **PowerMock** Frameworks.
* Exposure building Java applications using tools like **ANT, MAVEN** and**Gradle.**
* Experience in version control tools like **SVN, GitHub** and **CVS.**
* Good Knowledge on working of various components of **Splunk** and installing, organizing and managing **Splunk Clusters**.
* Extensively used **Java 8 Streams, Lambdas and Filters** to process Order data.
* Proficient in Core Java concepts like **Multi-threading, Collections and Exception Handling** concepts.
* Excellent Interpersonal, Communication and Presentation skills, Self-starter, Detail Oriented, Research-Oriented and Customer Focused.

**Technical Skills**

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| Languages | Java, J2EE, XML, PL-SQL, Unix Shell Script, C, C++, JavaScript. |
| Databases | SQL Server, MySQL, Oracle 10g/11g/12c, DB2, MS Access,  Mongo DB, Cassandra. |
| Web Technologies | JSP, JSON, Servlets, XML, HTML, XSLT, JSF, CSS, JavaScript, Angular JS, Angular 2.0/4.0, Bootstrap, DOJO, JAXB 2.2.11, JMS. |
| J2EE Technologies | Struts, Spring, JDBC, EJB, Java Beans. |
| Application Servers | JBOSS, BEA WebLogic 9.x/10g/11g/12c. |
| Web Servers | Tomcat 6.x/7.x/8.x, IBM WebSphere. |
| Database Tools | TOAD, SQL Developer, MySQL Work bench. |
| Operating Systems | Windows, Unix and Linux. |
| IDE’s | Eclipse, Rapid SQL,My Eclipse, RAD 7.5, IntelliJ. |
| Frameworks | Struts 1.x/2, JSF 2.x, Angular JS, Spring 4.x/3.x, iBatis 2.x, Hibernate 3.x/4.x, JSP and velocity. |
| Tools & Packages | CVS, SVN, GIT, GitHub, Maven, Gradle, Jenkins, ANT, Log 4J, Mockito, Junit, Jenkins, JIRA, Design Patterns. |
| SDLC Methodologies | Agile, Waterfall and Scrum Models. |

**Projects:**

**Verizon, Irving, TX Aug 2017- Till Date**

**Sr. Java developer**

**Description:**Verizon is a leading telecom service provider in the US who provides, Phone, Internet and TV services to the customers. Services offered by Verizon can be broadly categorized into, CORE, FiOS and VASIP. I mainly worked on Enterprise Application Model which follows n-Tier Architecture, SSP (Strategic System Platform) stands as a middleware where all Business-related validations takes place. It is the order management application for all of Verizon’s Internet and FiOS services. The project scope is to deliver a flexible and object-oriented architecture to the existing platform.

**Responsibilities:**

* Understanding and analyzing business requirements. Participated in all phases of SDLC.
* Involved in designing Use Case diagrams, Class diagrams and Sequence diagrams as a part of design phase.
* Configured **Spring framework** using **the Spring core module** to inject dependencies and Spring Cassandra module to persist data into **Cassandra** database.
* Developed **RESTful Web Services** using **Jersey, JAX-RS** to perform CRUD operations on the database server over HTTP and to consume web services for transferring data between different applications.
* Used **Spring Boot for developing microservices**, REST to retrieve data from client-side using Microservice architecture and **Pivotal Cloud Foundry** (PCF) for deploying microservices.
* Used **Spring Cloud, Netflix Eureka** for service registry for the microservices
* Used Singleton, Session Facade, and DAO patterns in implementing the application
* Used SAX parser for parsing the XML documents that are retrieved upon consuming the Web services
* Extensively worked with XML Schemas (XSD) for defining XML elements and attributes
* Deployed web components, presentation components and business components in **Weblogic Application Server.**
* Used **RabbitMQ** as the message broker to convert the entire flow as a SOA based architecture.
* Used SAML and OAuth to secure web services.
* Implemented Multithread concepts in Java classes to avoid deadlocks.
* Created build environment for Java using **Git and Maven**
* Used **Log4J** to write log messages with various levels
* Developed the test cases with **JUnit** for Unit testing of the built components.
* Worked on enhancements, change requests and defect fixing. Interacted with product owner and testers.
* Contributed to standardizing project coding, code review guidelines and checklist
* Used **Jenkins** for Continuous Integration.
* Used **JIRA** to keep track of the project, bugs and issues.
* Followed Agile/ Scrum methodology to track project progress and participated in Scrum meetings.

**Environment:** Java, J2EE, Cassandra, Spring, Eclipse, Weblogic, REST Webservices, XML, JSON, JUnit, RabbitMQ, Maven, Cassandra, JIRA, Jenkins, Spring Cloud.

**Aflac, Atlanta, GA.Nov 2016- Aug 2017**

**Sr. Javadeveloper**

**Description:** Aflac is the American Insurance company. This Project involves designing and developing a web application made for the Health insurance analysis and sets potential risks for each of the insurance customers.The application eventually processes all the claims and reports.

**Responsibilities:**

* Involved in SDLC cycle like Analysis, Designing, developing, Testing and deploying the Enterprise applications using Java and Object-Oriented Design Patterns based on business requirements.
* Followed Agile Software Development Methodology and Test-Driven Development (TDD) to build the application iteratively and incrementally. Participated in scrum related activities and Daily Scrum Meetings.
* Involved in working with technologies like **Spring Framework, Hibernate** and **Restful** Web Services in designing and development of the application.
* Worked with Spring modules like **MVC, Core, AOP, Spring Security, Spring MVC, and Spring Boot.**
* Worked on designing the User Interface by coding in**JSP, JSF 2.0,HTML5, Bootstrap, AJAX, jQuery, JavaScript** and **Angular JS 2.0** to create the SPA (Single Page Application).
* Brief experience on implementing the **Angular JS** in creating animations based on CSS classes.
* Implemented **Node.JS** for server-side validation.
* Skill on platform to be deployed in the **AWS environment** for various users.
* Used jQuery, AJAX for service calls on pages to interact with the server for information.
* Used NoSQL database **Cassandra** for having high efficiency and good response for the request.
* Created the databases using Cassandra and involved in design and data modeling.
* Configured persistence-Context in **Spring Framework** and **Hibernate** as a persistence provider to interact with the database.
* Implemented**Java APIs** for retrieval and analysis on No-SQL database like Cassandra.
* Created **POJO** classes which are used by Data Access Object classes.
* Experience in replacing Hibernate with **Native SQL Queries** (JDBC) in places to handle large search.
* Produced **Restful Webservices**using **JAX-RS**and **Jersey Framework.**
* Implemented **Microservices** with Spring Boot for real time Processing.
* Worked on implementing **JMS** to publish the message on to the Queue after processing.
* Worked on **log4j & logback** for logging the application logs.
* Executed JMS service by using **Rabbit MQ** and Queues for the batch processing.
* Worked extensively on **Spring IOC** for the dependency injection for managing application dependencies.
* Designed and developed web application using various technologies like **Scala** and **AKKA** Framework.
* Experience with **AWS S3** services creating buckets, configuring buckets with permissions, logging, versioning and tagging.
* Used **AWS** in which we have**R53** entries where the bunch of hosts are present on which our application is deployed.
* Utilized AWS CloudWatch to monitor the performance environment instances for operational and performance metrics during load testing.
* Worked on **GIT** Hub as the repository to checkout and commit the code.
* Used **Splunk**for checking the logs while deploying and monitoring the application.
* Expertise in writing **SQL queries**, **PL-SQL** stored procedures for the database and backend tasks.
* Developed **Selenium Web Drivers Scripts** to perform integration test of the application.
* Expertise in **JUnit** test cases with the data mocking by using **Mockito** for unit testing application classes.
* Used **JIRA** tool for tracking the bugs.
* Extensively used **JBOSS** server for deploying the Application**.**
* Involved with production team and maintenance.
* Worked with **AWS** cloud management and **chef** automation.
* Configured and maintained **Jenkins** to implement the Continuous Integration (CI)process and integrated the tool with Maven to schedule the builds.

**Environment**: Java, J2EE, Spring Framework, Angular JS, Angular JS 2.0,Node JS, AWS, Oracle 11g, Hibernate, JPA, JMS, Bootstrap, HTML, JSP, CSS, JavaScript, jQuery, JSP, AJAX, Rest Webservices, Microservices, Scala, Rabbit MQ, Cassandra, Splunk, PL-SQL, Selenium, Mockito, JUnit, JSON, JBOSS Application Server, Junit, GIT, Maven, Chef, Jenkins, CICD.

**MARTA, Atlanta, GA.Aug 2015- Sep 2016**

**Sr. Java developer**

**Description:**This project mainly deals with automating the task of the Rail Way Route Optimization System that helps many end-users to know the Shortest Path for their requested destination with in short period when more than one Railway Route is there to reach the destination.

**Responsibilities:**

* Extensively worked in entire SDLC life cycle like design, Coding, Code Review and Deployment preparation.
* Designed and Developed the applicationby using SCRUM methodology as per Company's **Agile environment.**
* Involved in Test driven development using **Selenium, cucumber and Junit**.
* Developed User Interface by coding in **HTML5, CSS3, JavaScript, jQuery, AJAX, Boot Strap** for creating the Web pages.
* Developed Frond End Web application by using **Angular JS, CSS**and **JSF.**
* Responsible for creating an API using **Scala** language.
* Responsible for creating Client-server system using **Scala, AKKA** framework.
* Used **Rabbit MQ** as Message queue applications may connect to the queue and transfer a message onto it.
* Implemented**SOAP(JAX-WS)** web services for data transfer.
* Implementing MVC Architecture using **Spring** Framework, customized user interfaces. Used Core Java, and Spring Boot, security, error handling mechanism.
* Used Spring Framework and interacted with the backend database using MyBatis and mapped Restful services with MyBatis-Mapper.
* Developed**REST** based **Micro services** using the Spring Boot, Spring Data with JPA.
* Produced and consumed **Kafka** for data streaming.
* Implemented **Spring Boot** integration with Spring Session.
* Extensively working **Core Java** (JDK 1.8) with complex business logic.
* Hands on experience in using **Hibernate** and **SQL** to import the data from the database.
* Experience in integration of **Amazon webservices AWS** with anothers applications structure.
* Used No SQL database **MongoDB** to store and retrieve the user data from the applications.
* Used **Jenkins** AWS code Deploy plugin to deploy and **Chef** for Bootstrapping in AWS.
* Worked with **JIRA** tool for issue tracking.
* Experience in writing the Unit test cases in **Junit**.
* Configured the **Docker** Containers and creating Docker files for different environments.
* Used Building tools like **Maven** to build, package, test and deploy application in the application server.
* For deploying the application, we used **JBOSS** and we are responsible for usage of **Continuous Integration** and **Continuous Delivery(CICD)** process.
* Worked with **IAM** service creating new IAM users & groups, defining roles and policies and Identity providers.
* Designed and implemented the backend layer using **JPA**.
* Used **JPA**for performing Object Relational Mapping.
* Created Stored Procedures and other **SQL** scripts using **PL-SQL**.
* Used **Log4J** for implementation of logging information about the application state.
* Maintained**GIT** repositories for Devops environment: automation code and configuration.
* Created analytical matrices reports for release services based on **JIRA** tickets.

**Environment:**Java, JDK 1.8, HTML5, CSS3, JavaScript, jQuery, Boot Strap, Angular JS, React JS,MVC, REST Web Services, JPA, Spring Data, Spring Boot, Jenkins, Chef, Docker, Jackson, JPA, Kafka, JUnit, Selenium, JBOSS, CICD, Windows 7, JIRA, MyBatis,MongoDB, Scala, AWS, Eclipse IDE, PL-SQL,GIT/Stash.

**Wow Internet, Naperville,ILSep 2014- June 2015**

**Sr. Java developer**

**Description:**WOW is the Sixth- largest cable Operator. The project I worked was a web based application which is used for maintaining the confidentiality of the business client’s documents and deals with the requests made by the customers.

**Responsibilities:**

* Involved in Requirement Analysis, Designing and Developing on J2EE Environment.
* Followed Agile Methodology to develop and deploy the project.
* Created Class Diagrams and Sequence diagrams using **UML** modeling language.
* Developed User Interface using **HTML, CSS, JSP, JSF** and **Struts Framework**.
* Performed Client-Side Validations using Validation concept of **Struts Framework**.
* Involved in the development of **JSP** with custom tags, **Java Beans** and **Servlets**and performed integration into the Application System.
* Extensively involved in struts components development like action mapping in struts deployment descriptor file, Form Beans, Action Class for handling the **Httprequest** from the front-end, Backend, plug-ins in Struts Architecture.
* Used Object Relational Mapping for Persisting Java Objects in **Hibernate** Framework.
* Responsible for writing Persistence Java Beans and their XML Mapping files for Hibernate.
* Implemented Design Patterns like Front Controller, MVC, DAO and Service Locator.
* Implemented the **EJBcomponents** and **Java Beans** to handle the business logic in an Application System.
* Designed and developed the webservices using **RESTful** services.
* Developed several Session Beans for managing the business logic.
* Used Session beans to implement Session facade.
* Designed and Implemented Exception Handling using **Java API**.
* Performed Bottom-up approach for developing the web services using **SOAP** over Http 1.1
* Used **Maven** for building the project.
* Used **JDBC** connectivity for connecting the Oracle Database.
* Involved in writing complex SQL queries and Store Procedures.
* Responsible for deploying the application using WebSphere Server and worked with **SOAP**, **XML** messaging.
* Developed **Selenium** test cases for automated UI testing.
* Used **JUnit** to develop Test cases for performing Unit Testing.
* Worked with the QA team in documenting test cases and test scenarios.

**Environment**: Java, J2EE, Servlets, EJB, Hibernate, JSP, JDBC, JNDI, SOAP, Struts, WebSphere, Tomcat, Log4J, Eclipse IDE, Selenium, JavaScript, HTML, DHTML, XML, XSLT, Maven, Oracle 10g, Windows.

**Family Dollar, Charlotte, NC Nov 2013- Aug 2014**

**Java developer**

**Description:** Family Dollar is a Retailer Store company. The main objective of this project is to design and develop an online merchandise web application for buying and selling consumer products. The Consumers can select one or more products, update the quantity and place an order and the project has some features like sending the order confirmation to the user’s Email account.

**Responsibilities:**

* Involved in requirement analysis, functional specifications and over-all component design.
* Improved the inventory levels at retail stores and transport operations using advanced resource planning modules using **J2EE, JMS (MQ)** and **RDBMS** technologies
* Designed and developed web applications to implement e-commerce (B2B and B2C) order processing and fulfilment.
* Designed front end pages(UI) using **HTML, JavaScript, JSF** and **AJAX.**
* Developed Web Application system using **Spring Framework, Hibernate, Web services** and **JMS message transports**.
* Implemented **object/relational persistence (Hibernate)** for the domain model.
* Developed**UML** diagrams such as Class, Sequence and Activity Diagrams to understand the Systems architecture.
* Used multithreading and socket programming to achieve peer to peer communication.
* Implemented business logic using **Spring Beans** and **Data Access Objects (DAO)** successfully.
* Application Design Documented for my entire requirement.
* Involved in implementation of front end validation component using Java Script, server-side validation component using Java classes.
* Implemented dynamically configurable logging messages in applications using **log4j** and **Sl4j.**
* Configured the Hibernate configuration files to persist the data to the **Oracle Database**.
* Helped in developing the complete business flow and helped incorporate session validity checks, form validations and error handling in the application.
* Implemented ORM in the persistence layer using **Hibernate** framework.
* Used **Maven** for building the entire web application.
* Deployed the application by using**WebSphere.**
* Involved in Unit Testing of the components using **JUnit.**
* Fixed the bugs which are identified in the Testing Phase.

**Environment:** Java, Hibernate, Spring, JMS, XML, Spring, SOAP and REST Web Services, SQLplus, Oracle, JUnit, HTML, JavaScript, JSF,AJAX Log4j, SOAP UI, Maven, Websphere7.1, Eclipse, Git, Maven, Tomcat, LINUX, Shell scripting.

**CSS Corp, India. May 2011 - Oct 2013**

**Java developer.**

**Responsibilities:**

* Involved in various stages of the SDLC phases like Analysis, design, coding, testing and deploying the application.
* Followed Waterfall methodology for developing the application.
* Worked on **Hibernate** framework to persist the data.
* Used **SQL** statements and procedures to manipulate & retrieve the data from the **Oracle 8i** database.
* Developed the major front-end modules for the application using **HTML, JSPs** using **Struts 1.1** Framework.
* Involved in creating web pages using **HTML, CSS, JavaScript** and**jQuery.**
* Used JavaScript for Client-side validations and validation framework for server-side validations.
* Used **AJAX** for the Web page rendering.
* Co-ordination with onsite team for developing, testing and production issues.
* Used **WebSphere application server** for deployment of the application.
* Used **CVS** for Version control system.
* Fixed the bugs in the testing phase.
* Developed **POJO** classes for defining the variables in the object class.
* Writing the Unit Testing of the components using **JUnit.**
* Used **log4j** for logging messages to the log files.
* Developed **ANT** scripts and developed builds using **Apache ANT.**

**Environment:** Eclipse, HTML, Java Script, Core Java, Junit, JSP, jQuery, Servlets, JDBC, SQL, Oracle 8i, AJAX, CVSand WebSphere Application Server, Log4j

**Eminosoft, India. May 2010- April 2011**

**Java developer.**

**Responsibilities:**

* Understand the Requirements and Functional Specifications of the Project.
* Developed the major Front-end modules for the application using **Java Script, HTML, CSS.**
* Involved in the design and development of the entire application.
* For development of applications using **J2EE** technologies like **EJB, Servlets, JSP and JDBC.**
* Used **Eclipse** for the development Environment.
* Used **SVN** to control the version of code.
* Developed test cases and performed unit testing using **JUNIT** Test cases.
* Coding and performed the rigorous testing.
* Prepared and Executed Test Cases as per system requirements.
* Fixed the bugs which are identified in the Test Phase.

**Environment**:Java Script, HTML, CSS, Eclipse, SVN, EJB, Servlets, JDK, EJB, JDBC, My SQL server.

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**OSI Technologies Private Limited, IndiaJune 2009 – April 2010**

**Java developer**

**Responsibilities:**

* For designing the User interface, we used **HTML, CSS** and for client-side scripting using **JavaScript.**
* Involved in preparing Use Cases, Class, and Sequence **UML** diagrams based on business requirements.
* Implemented **SQL** queries and used Oracle stored procedures, and built-in functions to

retrieve and update data from the databases.

* Wrote Java classes for Customer profile and different modules like type of account.
* Wrote various utility and helper classes using **Java collection framework.**
* Involved in writing the unit test cases using **JUNIT**and integration testing.
* Identified and fixed the bugs in the Testing Phase.

**Environment:**Java, JSP, HTML,CSS, JavaScript, Win XP, Net Beans IDE, Apache Tomcat and MySQL.