**Vinesh Kumar**

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# PROFESSIONAL SUMMARY

* **Proficient 7+years** of experience in **Software Development Life Cycle** – **Software analysis, design, architecture, development, testing, deployment,** and **maintenance.**
* Proficient in developing web-based applications, and client-server distributed architecture applications in **Java/J2EE** technologies using **Object Oriented Methodology.**
* Extensive experience in developing web interfaces using **HTML5, CSS, JavaScript, jQuery, Angular2, EXT-JS and Bootstrap.**
* Extensive experience in designing and developing Enterprise Applications for **J2EE** platform using **Core Java, Servlets**, **JSP, JDBC, JMS**, **Swing, Struts 2.0, Spring, Shell Scripting**, **Hibernate**, **XML, SOA, Web service, Axis, NetBeans, Eclipse, ANT.**
* Spring: Strong experience in Spring Framework such as **Spring MVC, IOC, AOP, DI, Spring Boot, Spring** **Aspects, REST, Spring Integration, Spring Testing** and **Spring JDBC**. Strong hands-on experience with **Spring IO, Spring Boot implementing REST.**
* Experience in developing web applications with **Struts, Struts Validation Framework, Spring framework.**
* Experience with **Hibernate 3.0 Persistence Framework** and Design patterns like **Singleton, Factory.**
* Excellent working knowledge of IBM WebSphere **ESB**, WebSphere Message Broker, **WebSphere MQ** and BEA Aqua Logic SB (Oracle Service Bus) and Aqua Logic DSP (Oracle Data Service Integrator).
* Experience in implementing and consuming **SOAP and REST Web Services using JAX-WS, JAX-RS and JAX-RPC and Strong knowledge in WSDL, REST and SOAP UI.**
* Proficient in implementing various Java design patterns like **MVC**, **Session Façade**, **Data Access Object (DAO)**, **Factory**, **Singleton**, **Data Transfer Object**, **and Front Controller**.
* Experienced in collaborating with **Design team/UX team/** business steak-holder to understand and translate the requirement into web applications.
* Experience in using frameworks like **Struts, Struts validator framework, JSF, Hibernate and OR-mapping, JPA, Spring, build** tools like **ANT, MAVEN**and logging framework **Log4J.**
* Solid experience in lightweight **POJO** based frameworks like **Spring** (**Dependency Injection, IOC, Remoting, ORM, DAO, AOP, JMS** and **Business Integration**).
* Developed **J2EE/Java** apps using various **IDE** tools **Eclipse, IntelliJ, WebSphereRAD**.
* Good experience with**Multithreading, Collections**and**Exceptions.**
* Experience with installing, configuring and monitoring **Apache Cassandra cluster.**
* Experienced in **RDBMS** **Design, ER modeling**, **SQL, PL/SQL**, **procedures, cursors, functions, triggers.**
* Extensive work on the performance tuning of **Oracle** ETL process.
* Extensive experience with **IBM Web Sphere Server**, **BEA Web logic, JBoss & Tomcat server.**
* Experienced using version controls like **GIT**, **CVS**, **SVN and ClearCase** and code analysis tools like **Find Bugs** and **Check style.**
* Hands on Experience in **AWS Cloud** in various AWS Services such as **RedShift, Cluster, Route53 Domain** configuration.
* Experienced in using **Junit, Testing** for unit testing & **log4j** and **logback** for logging.
* Experienced some of the networking concepts and working on Linux environment includes **Cisco NSO**.
* Experience in working with **ORM** tool like **Hibernate**.
* Ability to guide design and strategy for use of electronic system tools to improve process, mine data, extract and report data.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using **Selenium Grid** and**Jenkins**.
* Experience in **Shell scripting** to automate system administration jobs as per the customer requests.
* Good exposure on using various tools like **spring source tool suite, RAD IDE, Eclipse IDE, TOAD**, SQL Developer in implementing the applications.
* Ability to rapidly learn new concepts and possess excellent analytical, problem solving skills and keen interest in the emerging technologies.
* Team player and a self-starter with excellent written and verbal communication, technical and interpersonal skills.

**TECHNICAL SKILLS**

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| **Languages** | Java JDK 6,7,8, SQL, PL/SQL, C, C++ |
| **Java/ J2EETechnologies** | Servlets, JSP, JDBC, JFC, Maven, XML, XSLT, Java Beans, EJB, JMS, MQ series. |
| **Web/Application Servers** | Apache Tomcat, Oracle Web Logic, Jenkins , JBoss, Azure, IBM Web Sphere MQ |
| **Web Presentation** | JSP, JSTL, JavaScript, jQuery, HTML5, DHTML, CSS3, XML, Angular2, Node.JS, Bootstrap, Responsive Web Pages, WebSphere Application Server 6.1 |
| **Framework** | Struts 1.x /2.x, Spring 2.0 / 3.0, JSF 1.2/ 2.0, iBatis, Hibernate 3.0 |
| **UI Frameworks** | jQuery, Angular JS, Bootstrap |
| **IDEs** | Eclipse 3.x, IBM RAD 7.x/6/x, IntelliJ, Dream viewer, MS Visual Studio |
| **Web Services** | REST, JAX-RS, JAX-WS, SOAP, WSDL |
| **Testing Tools** | JUnit, jMeter, SOAP UI |
| **Operating Systems** | Windows, Unix and Linux, Mac |
| **SQL Databases** | Oracle SQL, PL/SQL, MS SQL Server,NoSQL, MySQL |

**PROFESSIONAL EXPERIENCE**

**Benesys, Troy, MI Mar 2017 – Sept 2018 Role: Java/J2EE Full Stack Developer**

**Responsibilities:**

* Involved in designing services using -java/J2EE guidelines and different **J2EE design patterns** with JSP, Controller servlets.
* Participated in **Agile Scrum** methodology for application development. Developed the web application front-end user interactive web pages using web technologies like **Angular2, HTML5, CSS3 and Bootstrap.**
* Developed **Angular controllers, services, models** for two-way data binding and used Angular-UI components for the SPA development.
* Created re-usable components using **custom directives, filters**.
* Leading an effort to re-write Pricing Recalculation application using Java, **JEE**, **EJB 3.0**, JSF/Prime Faces, Spring framework, and Hibernate framework.
* Designed the application on the lines of **MVC** architecture.
* Ability to guide design and strategy for use of electronic system tools to improve process, mine data, extract and report data.
* Involved in the process of**Cassandra** data modeling for efficient querying.
* Installed and Configured **DataStax**, OpsCenter for **Cassandra** Cluster maintenance.
* Developed Backend **Spring Jersey** resources to serve the **JSON** data to the web interface.
* Developed the application using **Spring boot and Maven**.
* Developed message components to send/receive and publish/subscribe **WebSphere** **MQ** messages.
* Developed startup and log rotations scripts for tcserver, **webserver and MQ products**.
* Implemented persistence layer using spring, **JDBC** Template to store the data in **Oracle** database.
* Implemented **RESTful** Web services to retrieve data from client side using Spring boot.
* Worked extensively on the **front-end** side using **JSP, HTML5, CSS3, JavaScript and Angular2**.
* Developed web application using **Spring MVC**.
* Developed various REST controllers for different HTTP methods to serve the data in JSON for the UI and created Exception handlers to send Http codes with various Failure responses with **Spring REST**.
* Responsible for implementing **UI mockups**, integrating third party **React libraries**, and handling/creating Redux store data.
* Used **Jenkins** to run automation tests and deploy the code to Development and QA environments.
* Involved in developing **RESTful Web Services**. Used Web services for sending and receiving data between UI and midtier. Consumed RESTFUL Web services with JSON objects.
* Involved in designing the user experience interface **UI /UX strategy**, UI requirements, converting findings into UI designs.
* Developed Java MVC web applications, **Restful Web Services API** development using Spring MVC, **Spring BOOT** and Spring AOP and Client side MVC applications using AngularJS.
* Developed **microservices** with **spring Boot** and deployed into containers using AWS instance and Docker. Involved in creating and configuring profiles, clusters, nodes, node agents for **WebSphere Application Server.**
* Integrated Automation scripts (**Selenium WebDriver API**) with CI tool (**Jenkins**) for nightly batch run of the Script.
* Involved in producing happy path code and error handling code for the API's. Used **Spring Rest** Templates and **Spring Security OAuth2** framework for building the smarter clients.
* Skilled in leading frameworks as **React JS** to build high-quality, scalable and reusable components and Front-end solution.
* Extensively used Java best practices and implemented several Core **design patterns** like **Singleton, Data Access Object (DAO), and Business Delegate** etc.
* Used Asynchronous **JavaScript** and **XML (AJAX)** for better and faster interactive Front-End. Configured Navigation rules in the **JSF** configuration files to add new functionality to the application by writing new **JSPs**.
* Used **Hibernate framework** for the backend persistence.
* Developed **J2EE** Backing Beans, **Action Classes**, and **Action Mapping** and Application facades and hibernate classes to retrieve and submit using the **JSF Framework**.
* Contributed greatly to increase the code quality and productivity through **Test Driven Development (TDD**) and **Agile Estimation** and Planning.
* Created Forms and Reports using **Oracle.**
* **TestNG and Maven**technologies under Java platform utilizing industry leading harness design patterns and approaches.
* Designed and developed Java message components to send/receive and publish/subscribe **WebSphere MQ messages**
* Used **Ant & Maven** scripts for build and deployment of the application.
* Used **Eclipse** as **IDE tool** to develop the application and **JIRA** as bug and issue tracker.

**Environment:**,Java, J2EE, JSP, Spring MVC, Web Services, Cassandra, Data Scanner, Hibernate, JEE, Maven, Bamboo, Jenkins, Tortoise SVN, jQuery, IBM WebSphere MQ, ReactJS, AJAX, Eclipse, HTML, XHTML, XML, CSS, JavaScript, Agile methodology, Oracle, Angular2, Web Sphere Application, Log4J, Stash, Web Services (REST), JUnit, Mockito, TDD

## **DADS, Austin, TX May 2015 – Feb 2017**

## **Role: Full Stack Developer**

**Responsibilities:**

* Designing applications using the core J2EE design patterns Façade, Data Transfer Objects, Business Delegate, and Value Object.
* Developed **Angular controllers, services, models** for two-way data binding and used Angular-UI components for the SPA development.
* Created re-usable components using **custom directives, filters**.
* Installed **WebSphere MQ** version 6.x and 7.x on Solaris and Linux.
* Developed Backend **Spring Jersey** resources to serve the **JSON** data to the web interface.
* Developed the application using **Spring boot and Maven**.
* Involved in requirements gathering and capacity planning for multi data center Apache **Cassandra cluster.**
* Implemented Horizontal & Vertical Clustering of **WebSphere Application Server**
* Used **SVN** for version control and used eclipse as the **IDE** for developing the application.
* Worked with cross-browser issues related to the front end that is created using **JavaScript, CSS,** and **HTML5.**
* Experienced in developing applications using **React JS**, **jQuery** for view rendering and implementing **React JS** with Redux and Flux patterns to attain **MVC** functionality.
* Used different phases of **JSF** lifecycle for client-side and server-side data validation
* Used **Spring Framework for Dependency Injection** and integrated with the **Hibernate.**
* Worked through cross browser compatibility issues with layout and styles for all new **CSS** that was implemented.
* Involved in designing the user experience interface **UI/UX** strategy, UI requirements, converting findings into UI designs.
* Designed and Developed user interactive screens **using Angular 2, JavaScript, jQuery** and **HTML5** and **JSP**.
* Involved in the process of **Cassandra data modelling** and building data structures for efficient querying.
* Extensively used **MVC**, Factory, Delegate and Singleton **design patterns**.
* Developed various Apache Nifi components for ingesting incoming events from diverse data sources like FTP/SFTP servers, Oracle, PostgreSQL, **RESTful/SOAP** WS and RabbitMQ. Converted events from/to XML, JSON and Avro formats and put them to Apache Kafka.
* Involved in writing **Spring Configuration XML** file that contains declarations, DB connections and other dependent objects.
* Worked in using **React JS** Components, Forms, Events, Keys, Router, Animations and Flux concept.
* Developed Spring Framework based **RESTFUL Web Services for handling** and persisting of requests and **Spring MVC** for returning response to presentation tier.
* Used **Spring LDAP** for user security credentials authentication and for validating the User roles.
* Established wizard flows with Spring Web flow.  **And** developed **Junit** test cases to test the application and used **Spring Batch** and **Scheduling** for batch processing.
* Involved in deploying applications in Amazon Web Services environment using Continuous Integration tool **(Jenkins),** Continuous Deployment tool **(Docker), Nginx (HTTP Server) and Git (Source Code Management)**
* Used **Maven** for project dependency management and **Log4j** for logging. Used Ext JS to build the GUI controls of the application.
* Built Web pages that are more user-interactive using Angular JS, NodeJS, **Jasmine, Karma,** HTML5, CSS3, LESS, RESTful API Services, JavaScript, Bootstrap, Git, JSON
* Designed dynamic and browser compatible pages using HTML5, CSS3, jQuery and JavaScript and Angular JS.
* Installed, secured, and configured AWS cloud servers with Tomcat, MySQL, Apache, etc.
* Experience working in **Agile development following SCRUM process**, Sprint and daily stand-up meetings.
* Extensively worked in writing minimal code in building re-usable forms with their validations using **REACT** with Flux Architecture.
* Implemented **Spring** Beans using IOC and **Transaction management** features to handle the transactions and business logic.
* Migrating data from **Apache Spark-RDD** into **HDFS** and **NoSQL** like **Cassandra.**
* Extensive experience in developing web application using Content Management Systems (CMS), Spring Framework, Model View Controller (MVC) Architecture and **Mongo DB**
* Prepare Test Environment (**Git**) for Unit testing and Integration Testing.
* Implemented **Spring security features using AOP Interceptors** for the authentication.

**Environment:** CoreJava, Spring 3.x, JSF, Jenkins, Hibernate, Data Scanner, Bamboo Gulp, XML, JNDI, Oracle 10g, Restful web Services, Azure,jQuery, ReactJS, Angular JS, JSON, Web Logic Server, Junit, JIRA, Eclipse.

**Client: United Health Group, Minneapolis, MN Jan 2014 – Apr 2015**

**Role: Java Developer**

**Responsibilities:**

* Involved in all stages of **SDLC** started from requirements gathering to Analysis, Design, Implementation, Testing and Deployment of entire project.
* Developed Web Service for retrieving Employee Data (based on **XML**, **WSDL**, and **SOAP**).
* Worked extensively on the **UI,** created views by utilizing **MVC3**, and created view models.
* Consumed Web Services using **WCF** for online transactions using **C#** and exposed them through **SOAP** and **HTTP**.
* Worked in an **Agile** work environment with Content Management system for **workflow** management and content versioning.
* Developed **Frond End Web** application by using **Angular JS, Bootstrap**, **HTML, CSS3** (SaaS) and JSF.
* Worked extensively with **Core Java**, **Multithreading**, and **Collections.**
* Designed front-end user interfaces with **React JS** by creating many components and modules.
* Worked on Spring DAO module encapsulated using DAO pattern to implement persistent layer components.
* Used and implemented the application using **Spring MVC, Spring IOC**, **Spring Annotations** modules and Hibernate.
* Integrated with **Redis** Cache and Rabbit MQ to store and propagate common information like account and diagnostics information.
* Developed Web Services to allow communication between applications through **REST** over **HTTP**.
* Used **JSON, XML, XSL** and **XSLT** for consuming **RESTful** **Web Services**.
* Migrating existing application into REST based Microservices to provide all the CRUD capabilities using **Spring Security**.
* Done with Create DB, Collection, Documents, Projection, Aggregation, Replication, Sharding & Back up using **Mongo DB**.
* Designed and implemented a stream filtering system on top of **Apache Kafka** to reduce stream size.
* Implemented **Oauth2** solutions using Spring Cloud, User accounts and API keys.
* Involved in migrating existing monolithic application into Microservice Architecture based **RESTful** Service and deployments were done using **Docker.**
* For deploying the application, we used **JBOSS** and we are responsible for usage of Continuous Integration and Continuous Delivery (CI/CD) process.
* Used **Oracle** as database and Involved in the development of **PL/SQL** backend implementation and using SQL created Select, Update and Delete statements.
* Implemented SOA architecture with web services using **SOAP, WSDL, UDDI** and **XML**.
* Designed extensive additions to existing **Java Web Application** utilizing Service Oriented Architecture (SOA) techniques.
* Used extensively OOPS, Core Java, (J2SE, Collections, multithreading and exception handling), Servlets.
* Worked on **Redis** Cache, Memcached and Rabbit MQ.
* Deployment, support and configuration of cloud services performed such as **AWS** (Amazon Web services).
* Have done data model principles, fit-gap analysis, prototyping, development, implementation, maintenance and support during the product design and development.

**Environment**: Java, J2EE, JSP, Springs, Redis, Hibernate, Eclipse, Web Logic 10g, jQuery, MVC, Oracle 11g, HTML5, CSS, Angular JS, XML, UML, Web Services, JUnit, EJB, GIT, Apache Kafka, Windows, UNIX.

**Client: Syntel, Pune, India May 2012 - Dec 2013 Role: Web Developer**

**Responsibilities:**

* Participated in requirement gathering sessions with the client and preparation/modifying of the requirements in Requirement Specification document.
* Designed and developed Application using Spring Framework, Spring MVC and Spring Templates.
* Developed front end using the JSF, JSTL, HTML, CSS, Bootstrap, JavaScript, jQuery, Typescript and AngularJS.
* Involved in Requirements gathering, analysis, and design, development, and Testing and Maintenance phases of the application.
* Implemented Agile development process on Software Development Life Cycle.
* Used Spring Core for concept Inversion of control (IOC) implemented using dependency injection.
* Used Hibernate Query Language (HQL) for writing the queries.
* Developed Soap and Rest web service clients to communicate with third party vendors.
* Involved in using REST API while integrating with servers.
* Created sequence and stored procedures for analyzing complex queries.
* 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 6.3 application server
* Extensively used GIT as the version controlling Tool.
* Configured Log4j for adding the debugging information in the code base.
* Involved in creating JUNIT test cases and ran the TEST SUITE. Ran check style, PMD defects & Find bugs and fixed them.
* Involved in debugging the defects, code review and analysis of Performance issues.
* Involved in peer level design & code reviews. Used GIT for version and source control.

**Environment:** Java /J2EE, Multithreading, core Java, Spring, Hibernate ORM 4.3.0, Spring web-flow, Spring MVC, Spring AOP, Spring Hibernate, JSF, JSTL, HTML, CSS, Java Script, AngularJS, Bootstrap, XML.

**Client: Skilled Res., Hyderabad, India Mar 2011 - Apr 2012**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in the discussions with business users, testing team to finalize the design documents and story point's allocation for user stories.
* Followed **Scrum** **Agile** methodology for iterative development of the application.
* Used **core** **Java** to build new functionality based on the requirements.
* Involved in **core** **java** concepts - Interfaces, **Collections**, **Multithreading**, **Serialization** and **java** features etc.
* Developed **JavaScript** and **jQuery** functions for all **Client**-**Side** Validations.
* Designed & Developed User Interfaces using **Ext JS** **UI** **Framework**, **HTML5**, **CSS3**, **JSP**, **Struts**.
* Used **ANTLR** recognition tool to find the relation between the dependent controllers, Objects, workflows and triggers across various Org.
* Good Experience in **SOA** engineering and Microservices Architecture utilizing **REST** and **SOAP** **Web** **Services**.
* Worked with **SQL**, Stored procedures, **Triggers**, **PL/SQL** programming and **JDBC**.
* Written **SQL** Queries to interact with **Oracle database**.
* Web application development for back end using **Angular** **JS** and **Backbone** **JS**.
* Used **XML** applications to create **XML** strings send and receive data from **Mainframe** Martens.
* Generated the Model part of **MVC** with spring and Hibernate Framework.
* Extensive experience in development and implementation of **ORM** framework like **Hibernate** integration with **Struts** and **spring**.
* Used String Template for code generation since the possibility of duplicate code for primitive collections is high.

**Environment:** Java (JDK 1.7), J2EE, JPA, spring 4.0, MVC, Eclipse, JUnit, JSP, XML, String Template, Web Services (SOAP, REST), Web Sphere as application server, SQL, PL/SQL, HTML5, CSS3, JSP, Structs, jQuery.