**Kumar KOPPULA**

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**SUMMARY:**

* Eight years of experience as **a Full stack Java Developer** on Enterprise applications, Distributed Application Development, Client/Server Applications, Servlets /Applet communication, Internet/Intranet based database applications and developing, testing and implementing application environment using **Java, J2EE, MVC design pattern, Struts, JSF, Java, Servlets, JSP, JavaScript, EJB 3.0/2.0 Hibernate 4.0/3.5/3.0, Springs 3.0/ 2.5, AJAX, Web Services (SOAP, WSDL), Restful Web Service, JAX-WS, HTML, XML, Bamboo, XSL, Jenkins, JSTL, Web Sphere, Oracle 11g, MySQL, SQL, PL/SQL, JUnit, and Apache-Tomcat**
* Have good experience on **Agile Scrum, Iteration and Waterfall** model software development Methodologies.
* Expertise on **Banking, Ecommerce, Energy and Utility domains**.
* Experience working with **SOAP, Rest and Restful Web services.**
* Experience using the various applications Servers **Web Sphere 8.1, JBoss 4.2.3, Web Logic 8.1, Tomcat**
* Strong experience in writing & executing Unit Test cases using **Junit Testing Framework** for performing unit test and determining the application functionality.
* Strong Experience working with Client Server Architecture using Databases like **Oracle, SQL Server, MySQL,** and proficient with Triggers, Functions, **Stored Procedures**, and PL/SQL programming.
* Good understanding of distributed file storage systems and data pilpelines, streaming apps data feeds technologies like kafka and hadoop
* Extensive experience in **deploying, packaging enterprise and large scale distributed J2EE applications** including coordinating and integration effort in working with development, database and middleware layers.
* Articulate in written and verbal communication who can fluently communicate in the languages of both people and technology. Organized self-starter and team player with strong interpersonal skills.
* Expertise in various open source frameworks like Struts 1.1, Struts2.0/1.2, Spring, Spring WebFlow and ORM Technology like Hibernate 3.0
* Having the experience on **Performance Tuning**
* Experience working in **Production support.**
* Experience in designing User Interactive Web Pages for Desktop and Mobile Devices using Responsive Web Design, JavaScript, jQuery, HTML and CSS.
* Experience working with **Oracle PL/SQL** and writing stored procedures
* Extensive knowledge in Apache SOLR indexing techniques
* Proficient in XML technologies like **XSL/XSLT, DOM, XPath, WSDL, DTD, XSD**
* Experience with test-driven development using a various unit testing framework such as **JUnit**
* Extensive experience in developing GUIs using **Struts, Spring MVC, spring** web flow Frameworks.
* Demonstrated expertise in developing web pages with **HTML5 , Bootstrap and CSS3** more effectively.
* Worked on **CSS Background, CSS Positioning, CSS Text, CSS Border, CSS Margin**, **CSS Padding, CSS Table, CSS Sprites, Pseudo Classes, Pseudo Elements** and **Block elementmodifier**, CSS Behaviors in CSS.
* Experience in using Software development methodologies such as **Agile, Waterfall** and **SDLC**.
* Experience with JMS
* Hands on experience with design patterns and N-tier architecture
* Experience with automated testing frameworks like Junit
* Proficient in Test Automation using UFT (Formerly QTP) and Selenium Tools.
* Strong Experience in Automating Web Application Testing using Selenium WebDriver with TestNG framework.
* Strong Experience in Java Programming, Selenium WebDriver, JUnit and TestNG.
* Well versed with Handling Elements in Selenium WebDriver.
* Writing Test cases using Element locators, WebDriver methods, Java programming features and TestNG Annotations
* Executing Selenium Test Cases and Reporting defects.
* Knowledge on LoadRunner Automation tool
* Expertise in implementation of Automation framework using Selenium.
* Hands on experience for **HTML/CSS/JSP** direct coding with focus on Cross-browser/Cross-platform compliance.
* Experience in client-side development with **Bootstrap, JQuery, AngularJS, NodeJS, BackboneJS, ReactJS and JavaScript**
* Experience in Web development with **JavaScript, JSP, XML, and XSLT**.
* Identification of appropriate techniques and methods using various AWS services like Amazon EC2, S3, IAM to code and implement cloud solutions
* Hands on experience with Core Java with multithreading, Concurrency, Exception Handling, File handling, IO, Generics, Data structures and Collections, Garbage Collection.
* Understanding of object-oriented design, re-use, and component-based development.
* Experienced with **RAD/Iterative** development methodologies.
* Experience working with **node.js** callback Concepts and Package manager.
* Good at Documenting and Understanding User requirements and System Specifications.
* Participated in Project Requirement and Planning meetings.
* Excellent communication, analytical, interpersonal and presentation skills.

**TOOLS & TECHNOLOGIES:**

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| --- | --- |
| Server Side | JSP, J2EE, Struts, Servlets, JNDI, JDBC, Java Web Services, EJBs, MVC framework, Java Beans, Hibernate Spring MVC |
| Frameworks/ORM tools | Spring, Spring Boot, Struts 2.0, Hibernate, AngularJS |
| App Servers/ Middleware | WebSphere, Tomcat, JBoss |
| IDE / Programming Tools | Eclipse, NetBeans and STS (Spring Tool Suite) |
| Scripting Language | XSL, XSLT, HTML, HTML5, JavaScript, JQuery |
| JavaScript Libraries and UI | React.JS, Node.JS, Backbone.JS, Bootstrap, CSS |
| Database/Tools | JDBC, Oracle, MS SQL, MySQL |
| Build tools | Ant, Maven |

**PROFESSIONAL EXPERIENCE:**

**Davita–Vernon Hills, IL September 2016 – Till date**

**Solutions Developer - Java**

**Responsibilities:**

* Worked as a **full stack developer** by using the front-end technologies with UI/UX and huge background in web development
* Actively participated in Object Oriented Analysis & Design sessions of the Project, which is based on MVC 2 Architecture using Spring Framework.
* Involved in Design, Development and Support phases of Software Development Life Cycle (SDLC). Used **AGILE methodology** and participated in SCRUM meetings.
* Designed the system based on Spring MVC Model architecture. Developed a business logic layer using **Spring** Framework and integrated **Hibernate**.
* Involved in migration of project from **spring, Hibernate, SQL Server** based framework for JDBC, Oracle based framework.
* Developed dynamic interfaces using JQuery, Angular JS, and HTML framework based on the user requirements providing structure and consistency throughout the application.
* Involved in the integration of spring for implementing **Dependency Injection** (DI/IoC).
* Used spring Object relational mapping (ORM) and hibernate for persistence in Oracle, created DAO's. Implemented ORM **Hibernate framework**, for interacting with Data Base. Developed build Scripts using Maven to build and deploy the application.
* Worked on publishing and testing the **web services(JAX-WS)** and interacting with the internal teams who consumed the web services.
* Developed Responsive web pages using twitter **bootstrap**.
* Developed core search component using Apache Solr.
* Customized apache solr to handle fallback searching.
* Customized apache Solr to provide custom functions.
* Designed and implemented Restful Webservices using Spring and SolrJ for serving web platform.
* Designed and implemented backend part of the application using Spring Quartz and SolrJapi for indexing and un-indexing content from different sources
* Worked on developing the backend part of the application involving Spring MVC, SPRING JDBC, Hibernate and SolrJ layer for indexing and unindexing and Web Services.
* Responsible for developing **DAO** layer using Spring **MVC** and configuration XML’s for **Hibernate**.
* Developed **REST** services using spring and used JAXB API for XML parsing.
* Performed build management for the development and testing environment. Worked with release management to develop technical release notes for every code release.
* Used **GIT** version control to track and maintain different versions of the application.
* Used Spring **MVC**, Spring **Batch** and **Jdbc** Template for object-to-relational mapping from the database and creating POJOs.
* Built Server side application and their business functionalities using Restful Web services with **SOA** in spring framework.
* Worked on generating the Web services classes by using Service Oriented Architecture SOA and **RESTFULwebservices**
* Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API s and Spring Boot for micro-services.
* Responsible for developing a Rest API using Jersey RESTful Webservices framework to publish data on a dashboard. Authentication and authorization are provided by LDAP / Active Directory.
* Involved in developing **JDBCDAOs and DTOs**, writing **HibernateHQL queries, PL/SQL stored procedures.**
* Conduct daily status meeting with offshore and client team and document the project status. Implemented several design patterns like Singleton, Factory, Front controller.
* Worked on spring integration with JMS to send messages from one application to other application. Deployed the application in the **WebLogic** application server.
* Setting up the automatic build and deployment automation for Java base project by using **Maven**.
* Logging framework Log4J is used for log messages. Implemented log4j for application logging and to troubleshoot issues in debug mode.
* Performance tuning and stress-testing of no SQL database environments to ensure acceptable database performance in production mode.
* Expertise in **AngularJS** controllers, directives, components, factory and service resources, routings and events.
* Expertise in DOM manipulation using **Typescript, jQuery and AngularJS**.
* Implemented **AngularJS** Controllers to maintain each view data. Implemented Angular Service calls using Angular Factory.
* Experienced in **HTML5, CSS3, Typescript** and utilizing web services with **Web Forms**.
* Designed web pages using responsive **CSS** frameworks such as **Foundation** and **Bootstrap**.

**Environment:** Java (1.7&1.8), J2EE, AngularJS, JSP, HTML5, CSS3, JSON, JavaScript, Spring (DI, MVC, Integration) Hibernate, WebLogic 10g, Eclipse, UML, Struts 2, Maven, JQuery, GIT, Junit, Selenium, JAX-RS (Jersey implementation), Bootstrap, SOAPUI, Oracle 10g, Bamboo

**FPL - West Palm Beach, FL September 2015 - July 2016**

**Full Stack Java UI Developer**

**Responsibilities:**

* **Involved in designing the web application of FPL using ReactJS and Redux developed on REST API and the other technologies involved in this project were nodeJS. Most of the frontend UI were developed using smooth animations from react motion**
* **FPL web application development details, frontend technologies: ReactJS, Packaging Components: WebPack**
* Installation of **WebSphere Portal 6.1.5, WebSphere Application Server 7.0.0.5** on **AIX 6.1**.
* Migration of **WebSphere Application Server 7.0.0.5** to fix pack 11(7.0.0.11).
* Configured **WebSphere Portal server 6.1** to use **Oracle 11g** as Database and migrated Portal Databases (Customization, Community, Release, JCR, and VMM) to Oracle 11g.
* Identified **WebSphere Portal Server** connection issues with **BEA Weblogic server** and fixed
* Conducted and coordinated excellent communication network and facilitation of JAD Sessions, Brainstorming sessions, and Interviews.
* Created expert and proficient deliverables such as agendas, writing minutes Business Requirement Documents (BRD), Functional Specification Documents (FSD), Data Requirement Document (DRD), and Requirement Specification Document (RSD).
* Highly skilled in interacting with business users and authoring use cases, use case diagrams, sequence diagrams, activity diagrams, based on UML methodology using case tools like MS Visio.
* Extensive experience in iRise.
* Participated in development of a well responsive single page application using ReactJS framework and JavaScript in conjunction with HTML5, CSS3 standards, with front end UI team.
* Involved in designing, developing and successful deployment of large scale, Java/J2EE projects from end-to-end and participated in agile SDLC.
* Performing development and maintenance programming for application systems.
* Wrote Business Logic for the different part of the application based on business rules provided in Business Requirements Definition.
* Used JBoss Application Server to deploy the applications.
* Developed various Testing test cases for Unit and Functional Testing.
* Involvement in Preparation of Test Procedures, Test Scenarios, Cases and Test Data.
* Created Test cases Using Element locators and Selenium Webdriver methods.
* Enhanced Test cases using Java programming features and TestNG Annotations.
* Execution of Selenium Test cases and Reporting defects.
* Conducting Data driven testing, cross browser testing and parallel test execution.
* Involved in Regression Testing using Selenium
* Wrote EJB Session Bean to call Business Service.
* Configured the Hibernate configuration files to persist the data to the Oracle 11g Database.
* Created connections to database using Hibernate Session Factory, using Hibernate APIs to retrieve and store data to the database with Hibernate transaction control.
* Implemented persistence layer using various features of Hibernate framework.
* Configured Hadoop ecosystem and development of various web applications using Java, J2EE
* Implemented various complex PL/SQL queries.
* Used Spring framework for dependency injection, for transaction management.
* Used Spring MVC framework for Controllers part of the MVC
* Developed different UI using AngularJS and Integrated Spring MVC with AngularJS.
* Developed AngularJS controller module that consumes a Spring MVC-based RESTful web service.
* Experience in Rest API programming
* Front-End Development using ReactJS, Html and CSS
* Wrote Maven Batch script for Build ear file with jars and war files and then deploy application and start server.

**Environment:** Core Java (Jdk 1.6, 1.7, 1.8), J2EE, Maven, Eclipse, Spring 3.5, Hibernate 3.6, JMS, JDBC, EJB, JNDI, XML, Web services, Oracle 11g, PL/SQL, JBoss 7.0, IBM WebSphere 8.0, SQL Developer, AngularJS, REST API, Hibernate Session Factory, PL/SQL queries

**Cisco – San Jose, CA August 2014 – July 2015**

**Full Stack Java UI Developer**

**Responsibilities:**

* Actively participated in efforts to define, prioritize, and implement solutions to issues that impact users and affect key application and end user productivity
* Independently designed and developed Java solutions for assigned tasks
* Diagnosed technical issues and resolved code defects
* Improved Java unit test coverage to better test code before deployment
* Automated digital asset/metadata governance issue detection
* Developed/supported/maintained system user interface customizations via JavaScript, Angular JS, HTML, CSS and XML configuration files
* Involved in Design, development, and test new services and functionality for an existing Java/Spring enterprise application
* Developed an enterprise web application using spring with hibernate and maven repository
* Worked on developing and maintaining an application developed on spring4MVC, hibernate ORM with maven integration
* Used struts framework's action states for handling the dialog modules.
* Worked Extensively on Spring IOC, Spring DAO framework, Spring Web services and integrated spring with Struts framework
* Developed the application using Java Beans, Servlets and EJB’s.
* Involved in integrating and business layer with DAO layer using custom frameworks.
* Used Log4j for logging and tracing java code
* Designed and developed front-end screens using JavaScript’s, CSS, and HTML.
* Used ANT for building the application.
* Implemented MVC design pattern
* Created automated scripts using selenium.

**Environment:** Core Java, J2EE, Spring Core, Spring MVC, MVC architecture, Spring WebFlow, Spring with hibernate, Struts2 with tiles, Maven integration, EJB, Servlet, JSPs, XML, HTML, CSS, Ajax, jQuery, JMS, Oracle RDMS

**Red Ventures - Charlotte, NC August 2013 - September 2014**

**Programmer Analyst – Java/J2EE**

**Responsibilities:**

* Strong software engineer with excellent programming skills in Java and OO Analysis and Design.
* Developed two to three web application development frameworks, based on the MVC architecture pattern such as Spring MVC, Spring WebFlow.
* Excellent understanding of Spring Dependency Injection.
* Integrated the web tier with an Oracle backend using technologies like Spring JDBC Template, Spring Data extensions etc. and/or ORMs like Hibernate, EclipseLink.
* Experienced developing software using an IDE like Eclipse or IntelliJ along with Maven for dependency management.
* Team player with excellent communication skills, strong problem solving skills and familiarity with agile methodologies

**Environment:** OO Analysis & Design, J2EE, MVC Architecture Pattern, Spring MVC, Spring WebFlow, Dependency Injection, Spring JDBC, Spring with hibernate, Maven Repository & Build, Servlets, JSP’s, JMS, WebSphere, WebLogic, JBoss, Tomcat, HTML, CSS, JavaScript, AJAX, XML, JSON

**Nexgrid - Locust Grove, VA July 2012 - August 2013**

**Programmer Analyst – Java/J2EE**

**Responsibilities:**

* Involved in Design, development, and test new services and functionality for an existing Java/Spring enterprise application
* Worked to improve the performance and scalability of real-time message processing from tens of thousands of deployed wireless smart-energy devices
* Worked with both embedded system and front-end developers to address system level requirements
* Assisted in trade-off analysis on design decisions and other associated developed architectures for all modern designs

**Environment:** Core Java (1.5,1.6,1.7 and 1.8), J2EE, Servlets, JSPs, WebSphere Application Server, Spring JDBC, XML, Hibernate, JMS, Spring MVC and Spring Core

**Securifi, Hyderabad, India**

**Junior Java Developer October 2009 to July 2011**

**Responsibilities:**

* Developed two to three web application development frameworks, based on the MVC architecture pattern such as Spring MVC, Spring WebFlow.
* Excellent understanding of Spring Dependency Injection.
* Integrated the web tier with an Oracle backend using technologies like Spring JDBC Template, Spring Data extensions etc. and/or ORMs like Hibernate, EclipseLink.
* Experienced developing software using an IDE like Eclipse or IntelliJ along with Maven for dependency management.
* Involved in Design, development, and test new services and functionality for an existing Java/Spring enterprise application
* Defined site objectives by analyzing user requirements.
* Designed and developed user interfaces to internet/intranet applications by setting expectations and features priorities throughout development life cycle
* Integrated applications by designing database architecture and server scripting; studying and establishing connectivity with network systems, search engines, and information servers.
* Completed applications development by contributing to team meetings; troubleshooting development and production problems.
* Supported users by developing documentation and assistance tools.

**Environment:** Java, Java Beans, Java Servlets, JavaScript, Teamwork, Verbal Communication, Web User Interface Design, Software Requirements, Software Development Process, Object-Oriented Design (OOD), Spring with JDBC, Struts, Maven