**Sandeep Kumar**

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**Sr. Java Full Stack Developer**

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**SUMMARY:**

* Overall 10 years of extensive experience as a Java Developer with solid understanding of database designing, development.
* Experience in all phases of SDLC, like Requirement Analysis, Implementation and Maintenance, and extensive experience with Agile and SCRUM.
* Hands on expertise in front-end development utilizing JavaScript frameworks such as jQuery as well as front end technologies HTML5, CSS3, Ajax, React JS and **Angular JS, 2,4 and Angular 8**
* Strong Experience in web development using interactive/Web 2.0 technologies, XHTML, DHTML, JavaScript, DOM, Angular JS, framework (JQuery, Prototype, YUI, etc.), JSON, AJAX.
* Experienced Model View Controller framework such as Angular JS framework for creating Single Page Application (SPA).
* Good experience in working with Core Java development.
* Sound knowledge in working with angular project directory structure and yeoman angular project setup.
* Experience in developing web pages in Responsive Design using Bootstrap and adapt to the changing environment.
* Experience in **Amazon Web Services** (Amazon EC2, Amazon S3, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, AWS Identity and access).
* Experience in sending and retrieving data files in JSON using AJAX calls.
* Actively involved in using **Angular JS, 6,8 and Bootstrap**, **HTML5** to enable client-side date to meet specific criteria by applying various validation variable.
* Strong knowledge in using libraries like jQuery to implement dynamic webpages.
* Proficient in writing and using SOAP and Restful Web services.
* Expertise in Object Oriented Analysis and Design (OOAD), OOPS using Unified Modeling Language (UML), Design Patterns, MVC Frameworks.
* Interacted with the Testing team and Created Test Plans, Test Cases, Test Scenarios, and Test Procedures and Successfully Managed defects history and traceability.
* Conducted Business Functional Testing, Unit Testing, Integration Testing, System Testing, UAT (User Acceptance Testing) and successfully fixed errors.
* Hands on Experience on **Linux Commands** and **Commerce Tools.**
* Good Knowledge about the SQL stores, MongoDB, CouchDB, Neo4J, Hadoop, Cassandra, Dynamo DB, Elastic search, Apache Spark and Kafka.
* Proficient in using AJAX for implementing dynamic Webpages where the content was fetched via API calls and updated the DOM (JSON Parsing).
* Extensive experience with UML design
* Understanding of relational databases, involved in application development using several RDBMS such as Oracle 9i/10g/11g and **PostgreSQL.**
* Extensive experience in developing Web Services to expose useful functionality to web users through SOAP and REST.
* Experience with Browser testing, knowledge of cross-browser/cross-platform compatibility.
* Expert in developing Object-Oriented Web applications using MVC architecture.
* Experience in NodeJS, AngularJS, BackboneJS, Document Object Model, DOM functions and Front-End Package Manager Bower.
* Experienced working in both AGILE and SDLC based development environment and participating in SCRUM sessions.
* Possess good analytical skills, which enabled to analyze data with ease.
* Ability to write clear, well-documented, well-commented and efficient code for web development.
* Strong problem-solving, organizing, communication and planning skills, with ability to work in team

Environment.

**SKILL SET:**

**Programming Languages :** Java, C, C#, SQL, PL/SQL, UML

**Technologies :** J2EE, EJB, JavaBeans, JSP, Servlets, JDBC, JSF, JNDI

**Design/Architecture :** J2EE Architecture, Java Design Patterns.

**Client side :** HTML5, CSS3, JavaScript, jQuery, Backbone.JS, AngularJS,

Bootstrap

**API & Framework :** Struts2, spring 4.x, Spring Boot, Hibernate 4.x, Log4j, JMS (MQ),
 Junit.

**Web Services :** SOAP, RESTFUL (JAX-RS)

**IDE :** Eclipse, NetBeans, STS, MS Visual Studio.

**Databases :** SQL Server 2008, MySQL, Oracle, DB2, Apache Cassandra, Mongo DB,

Dynamo DB

**CI/CD Tools :** Ant, Maven, GRADLE, Jenkins, JIRA

**Version Control :** GIT, SVN, TFS

**Cloud :** Amazon Web Services (EC2, S3), Microsoft Azure.

**App Servers :** WebLogic, IBM WebSphere 6.0/7.0, Apache Tomcat

**Operating System :** Windows XP/Vista/7, Linux, UNIX

**Concepts :** OOAD, Agile Methodologies, Waterfall, Design Patterns, UML

**Advanced Tools/Tech:** JBuilder, JDeveloper, GitHub, Splunk, Sonar, Soap UI, Fiddler, Postman, Selenium, Scala, Oracle EBS, HP ALM, Confluence

**PROFESSIONAL EXPERIENCE:**

**Client: Optum, Minneapolis, MN Dec 2021– Present**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* Worked on Core Java and Java 8,11 and Java 17 Features to implement validations for different layers of the request file Physical, Logical, and Transfer Request.
* Used Spring DI to inject beans using both constructor and setter Dependency Injection.
* Worked on Spring JDBC to interact with the MySQL database for all the CRUD operations and Extensively used CI/CD Tool **Jenkins** for the Deployments.
* Developed the responsive UI web pages using Angular 13 & 16, TypeScript, Node JS and worked with angular filters in expressions and directives to filter data in the UI.
* Worked on creating login authentication modules using Angular 13 and TypeScript.
* Implemented web interface using Spring MVC and frond end using **Angular 4,6 and 13 & 16**
* Developing the **Micro services** using Spring Boot that create, update, delete and get the information from backend.
* Experience in Integration of **Microsoft Azure** with other applications infrastructure.
* Developed the UI Application of the Optum using **React.**
* Developed REST based services using Spring MVC and Java 8 architecture and used JSON for the data transfer.
* Worked with platform and application stakeholders to define and steer designing, developing **RESTAPIs** platform services following **MVC** architecture for **Web/Mobile applications** using Spring in agile environment.
* Implemented the **Microservices** based on RESTful API utilizing, implementing the Microservices based on RESTful API utilizing Spring Boot. Worked on SOA Web Services using SOAP with JAX-WS for large blocks of XML data over HTTP.
* Responsible for creating efficient design and developing User Interaction screens using HTML, CSS3, Bootstrap, JavaScript, Angular 13, and Node JS.
* Used RESTAPI with JAX-RS for consuming Restful web services.
* Implemented Routing and HTTP modules for navigation between the components and invoking the Rest Services using GET, POST, PUT, and DELETE methods.
* Designed and Developed user interactive screens using **HTML5**, **CSS3**, **JavaScript**, **JSP’s**, **JSF, Angular, React** and Worked in **DevOps** Environment.
* Used **GIT** as the central repository of all the modules. Worked and helped other colleagues too in resolving their merge conflicts.
* Developing the **CMS Services** using Spring Boot that creates, updates, deletes and get the information from backend.
* Worked with Passport and JSON web tokens for authentication and authorization security configurations for **Micro-Services**
* Actively used the defect tracking tool **Rally** to create and track the defects during QA phase of the project.

**Environment:**Java , J2EE, My Batis, Spring,HTML5, CSS3, JSP, JavaScript, JSF, jQuery, Bootstrap, DOM, Angular.js, ReactJS, AJAX, XML, SVN, Jenkins, Maven, REST, Internet Explorer, Chrome, PostgreSQL, Windows.

**Client: United States Patent & Trademark Office, Alexandria, VA Dec 2018– Dec 2021**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* Followed **Scrum Agile methodology** for the iterative development of the application.
* Involved in the Technical and High-Level Design Review Meetings with Business Customers.
* Used spring framework, Spring-AOP, Spring-ORM, Spring-JDBC modules.
* Worked on Java Multithreading and Collections Framework and Java Multithreading to refresh the cache at a given set of time interval and used Spring Validation framework for Validations.
* Worked with Spring scheduler for automatic scheduling of spring batch jobs.
* Extensively used Spring IOC, configured application Context files, and use dependency injection using Spring annotations.
* Included security groups, network ACLs, Internet Gateways, and Elastic IPs to ensure a safe area for organizations in AWS public cloud.
* Developed Microservices and created REST APIs using Java Spring Boot framework, Express framework and used Maven as a build tool.
* Implemented Spring Dependency Injection/IOC and Connection pooling for Bean wiring.
* Implemented Spring Dependencies (Core, MVC, Boot) to make our application light weighted.
* Used Collections extensively to store, retrieve and manipulate objects in the business logic layer and used **JSON** as response type in **REST** services.
* Designed Java Components and integrated using **Spring** framework for **Hibernate** Object/Relational persistence mechanism (ORM Mapping).
* Configured the Hibernate configuration files to persist the data to the Db2 Database.
* Wrote database queries using **SQL** and **PL/SQL** for accessing, manipulating and updating **Oracle database.**
* Worked with Angular 2 and typescript as part of migration from Angular and vanilla JavaScript to Angular 2 and **react**.
* Developed the User Interface screens using **HTML 5, jQuery, and CSS3, ReactJS, java script.**
* Developed Single Page Applications (SPA's) using **React- router**.
* Implemented a Continuous Delivery pipeline with **Docker**, **Jenkins** and GitHub and AWS AMI's.
* Involved in reviews of Test Scenarios to ensure the requirement coverage.
* Extensively used **GIT** version control system to co-ordinate with the team.
* Mentor development team on processes, best practice.

**Environment:**Java , J2EE, MyBatis, Spring,HTML5, CSS3, JSP, JavaScript, JSF, jQuery, Bootstrap, DOM, Angular.js, ReactJS, AJAX, XML, SVN, Jenkins, Maven, REST, Internet Explorer, Chrome, PostgreSQL, Windows.

**Client: Capital One, Mc Lean, VA Mar 2018- Nov 2018**

**Role: Sr. Java Developer**

**Responsibilities**:

• Used Spring-IOC concepts and Spring MVC pattern for developing the application.
• Implemented MVC architecture application using spring and created Lambda function in AWS using Spring Framework.
• Hands on experience on Git-Stash, **Alfresco** for Content Management.
• Experience working with AWS for Storage & content delivery and Application deployment services.
• Worked closely with the team to achieve continuous integration and continuous delivery and Worked in **UNIX/ LINUX Environment**.
• Selecting the appropriate AWS service based on compute, data, or security requirements.
• Experience in Integration of **Amazon Web Services** with other applications infrastructure.
• Utilize EBS to store persistent data and mitigate failure by using snapshots.
• Experience in using Jenkins for Continuous Integration and Sonar jobs.
• Experience in writing ANT, Maven build scripts, providing logging facility using Log4j and Writing JUnit testcases.
• Good experience in SCRUM process of Agile (Iterative) development methodology.
• Interacted with the QA Team and Involved in the Preparation of the Test Plan Document.
• Designed, built, and deployed a multitude application utilizing almost all the AWS stack.
• Extensively used Java server Faces (JSF) Navigation rules and JSF tags for enhanced user Interface.
• Used Apache tomcat and WebLogic as an application server to deploy various components of application.
• Implemented Hibernate/JPA for data persistence.
• Automate the cloud deployments using chef, python and AWS Cloud Formation Templates.
• Administered and deployed applications into WebSphere Application Server. Managed Customer Data using **Apache Cassandra Database.**
• Installing, deploying, monitoring, maintain and configure WebLogic server 12c in local machine.
• Performed End to end (Such as integration, functional, regression, system and UAT) testing and logged the defects in JIRA and reported to Project Manager.
• Strong experience with **SOAP and REST** webservice consuming (JAX-RS, JAX-WS, CXF, Axis, JAXB) and Developed Front End using **Angular 8 and HTML.**

**Environment:**Java, J2EE, Hibernate, Struts, spring,HTML5, CSS3, JSP, JavaScript, JSF, Node.js, jQuery, Bootstrap, DOM, DML, DHTML, Angular.js, ReactJS, AJAX, XML, SVN, Jenkins, Maven, REST, IOS, AWS, Apache Cassandra

**Client: Luxottica, Mason, OH Jan 2017 – Feb 2018**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Worked on Core Java to implement validations for different layers of the request file Physical, Logical, and Transfer Request.
* Used Spring DI to inject beans using both constructor and setter Dependency Injection.
* Worked on Spring JDBC to interact with the Oracle database for all the CRUD operations.
* Implemented web interface using Spring MVC
* Developed REST based services using Spring MVC architecture and used JSON for the data transfer
* Worked with platform and application stakeholders to define and steer designing, developing **RESTAPIs** and platform services following **MVC** architecture for Web/Mobile applications using Spring in agile environment
* Designed and Developed user interactive screens using **HTML5**, **CSS3**, **JavaScript**, **jQuery. BOOTSTRAP** and **React JS**.
* Used Git as the central repository of all the modules. Worked and helped other colleagues too in resolving their merge conflicts.
* Developing the Micro services using Spring Boot that create, update, delete and get the information from backend.
* Developed user-friendly interface to seamlessly combine the new module with Luxottica login system by using **Angular JS** framework and **jQuery**.
* Actively used the defect tracking tool **JIRA** to create and track the defects during QA phase of the project
* Developed test cases using **JUnit** and Test-Driven Development.
* Designed user interfaces in **Angular JS**, Ajax, Java Script, CSS that will be integrated to Spring MVC.
* Implemented AWS IAM for managing the credentials of applications that runs on EC2 instances.
* Implemented AWS solutions using E2C, S3, RDS, EBS, Elastic Load Balancer, Auto-scaling groups.
* Tested the Web services using SOAPUI and by writing Web service client in Java for transmitting the offender's information in XML data using the WSDL provided

**Environment:**Java, J2EE, Hibernate, Struts, spring,HTML5, CSS3, JSP, JavaScript, JSF, Node.js, jQuery, Bootstrap, DOM, Angular.js, ReactJS, AJAX, XML, SVN, Jenkins, Maven, REST, Internet Explorer, Chrome, Oracle, Windows.

**Client: Hess Corporation, Houston, TX Aug 2015 – Dec 2016**

**Role: Java Developer**

**Responsibilities**:

* Created Ajax wrapper classes and helper methods for the global usage
* Developed Struts action classes, forms and JSP pages with struts tags, validation, struts-tiles and modifying Struts-Config files and implemented file upload functionality for large amount of data.
* Developed web applications using Spring MVC, jQuery, HTML5, and Angular JS.
* Created forms to collect and validate data from the user in HTML5 and ReactJS.
* Extensively used the JavaScript, Ext JS, AngularJS front-end development which includes a deep understanding of the DOM, JSON, object-oriented JavaScript, Bootstrap and common JavaScript libraries.
* Maintained existing UI Applications and upgraded them using CSS3, JQuery, AJAX, JavaScript, React JS, Backbone.Js, JSON and HTML5.
* Worked on capturing the user events and rendering the appropriate action and dynamically rendering the UI based on user actions using Angular.js.
* Developed the code using LESS framework, which in turn would generate plain CSS for the dynamic pages.
* Involved in implementation of persistence layer using Hibernate and prepared Value Objects.
* Web application development using AngularJS and Node.js with cutting edge HTML5 and CSS3 techniques.
* Designed and developed generated JSP pages based on Struts MVC architecture and updates configuration setting in configuration files.
* Going through User Documents and Design user interface designs, Wire frames, Information architecture flows and mockups.
* Used Spring Framework for Dependency injection and integrated with the Struts Framework and Hibernate.
* Worked on Responsive Designing for Mobiles and Tables.
* Create highly usable web design solutions with focus on user experience and compliance to standards.
* Taking the product through the entire lifecycle of analysis, design, coding, testing and implementation and support.
* Work in cross functional team to develop timely changes to page content.
* Testing, fixing the bugs and troubleshooting technical problems.

**Environment:**Java, J2EE, Servlets, HTML5, CSS, Angular JS, Node.js, ReactJs, Hibernate, Struts, Spring, JQuery, JUNIT Bootstrap, JSP, JavaScript, AJAX, Mongo DB, Git, CVS, Spring MVC, Firebug, Visual Studio tool.

**MinGrid Technologies, Hyderabad, India Mar 2014 – July 2015**

**Role: Jr Java Developer**

**Responsibilities:**

* Worked in the Waterfall Environment.
* Integrated the Java code (API) in JSP Pages.
* Used jQuery core library functions for the logical implementation part at client side for all the application.
* Interacted with java controllers (jQuery, Ajax, and JSON to write/read data from back end systems).
* Used Spring Framework as middle tier application framework, persistence strategy using spring support for Hibernate for integrating with database.
* Worked on Server-side pagination for processing high volume of data to the UI.
* Designed user interface layout using JavaScript, CSS, and HTML.
* Configured the Hibernate configuration files to persist the data to the Oracle Database.
* Used Hibernate as ORM tool for accessing database.
* Designed, Developed and analyzed the front-end and back-end using JSP, Servlets and spring.
* Responsible for writing Struts action classes, Hibernate POJO classes and integrating Struts and Hibernate with spring for processing business needs.
* Involved in developing HTML and JavaScript for client-side presentation and, data validation on the client side with in the forms.
* Involved in writing SQL Queries, Stored Procedures.
* Used JIRA for bug tracking.
* Worked with QA team to validate the test cases whether meeting the business Requirements or not
* Conducted Unit Testing, interface testing, system testing and user acceptance testing
* Involved configuration and deployment of application on Tomcat Apache.
* Deployed the applications into LIVE and QA Environment
* Used SVN for version and source control.

**Environment**: Java, J2EE, HTML, CSS, JavaScript, JQuery, JSON, Hibernate, Struts, Spring, Web Services, JSP, AJAX, framework, Windows XP and MS Office, Eclipse, Dreamweaver.

**EDUCATION:**

Masters in Computer Science from Calums- 2016

Bachelor’s in computer science from JNTU- Hyd - 2014