**Sravan Kumar**

**Java Developer**

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**Professional Synopsis:**

* Over **7 years** of experience in all the phases of **Software Development Life Cycle** (**SDLC**) including Requirement Analysis, Design, Implementation and Testing in Enterprise applications with emphasis on **Java/J2EE** **technologies.**
* Experience in developing the application with **Agile Methodology**, **Waterfall Methodology.**
* Good working knowledge with **Java1.8** features like **streams, Lambda expressions** and **functional interfaces**
* Good knowledge in **Data Structures and Algorithms**
* Having experience with Cloud Computing environment like **Amazon Web Services (AWS).**
* Handled operations and maintenance support for **AWS** cloud resources which includes launching, maintaining and troubleshooting **EC2 instances**, **S3** buckets, **Auto Scaling**, **Dynamo DB, AWS IAM** and Elastic Load Balancers (**ELB**) and **API Gateway.**
* Proficient in developing **J2EE** enterprise applications using **Micro Service Architecture.**
* Extensive experience in developing Microservices using **Spring Boot, Netflix OSS (Zuul, Eureka, Ribbon, Hystrix**)
* Hands on Experience in developing web applications by using Spring framework modules like **Spring IOC, Spring MVC, Spring AOP, Spring Data, Spring Boot** and **Spring Cloud Gateway.**
* Expertise in developing data models using **Hibernate** Object relational mapping (**ORM**) framework and used **Hibernate Annotations** to reduce time at the configuration level.
* Expert in **Core** Java with strong understanding of **OOPs Concepts, Collection Framework, Multithreading, Exception handling** and **Genereics.**
* Expertise in **J2EE** Technology- **Servlets, JSP, Spring, JDBC, Hibernate** and **JMS.**
* Experience with distinctive **design patterns** like **Singleton, Factory, Session Facade, Observer, Dependency Injection, DAO** and **MVC.**
* Experience in design and development of robust and highly scalable **REST** **API’s**.
* Expertise in back-end/server side java technologies such as **Web services**, **Java persistence API** (JPA), Java Messaging Service (**JMS**), Java Database Connectivity (**JDBC**) and Java Naming and Directory Interface (**JNDI**).
* Good Understanding in **databases** such as **Oracle, MySQL, and Mongo DB** databases to manage tables, views, indexes, stored procedures, functions, triggers and packages
* Proficient in **Java/J2EE Design** Patterns including singleton, Factory, **Model View Controller (MVC),** Data Access **Object (DAO), and Business Delegate**. Well versed with **core Java** concepts like **collections**, **multithreading**, **serialization**
* Familiar with all the internal tools of Cassandra.
* Experience in **JMS** over messaging to exchange the information in more reliable and asynchronously for enterprise applications using **Active MQ.**
* Proficient with build automation tool **Maven** for builds and deployments to different environments.
* Experience on different **IDEs** such as **Eclipse, Spring Tool Suite(STS) and Any-Point Studio.**
* Hands on experience in deployment using Servers like **Apache Tomcat and Oracle WebLogic.**
* Experience with **JUnit** in developing test cases and determining application functionality.
* Experience on **UNIX/LINUX** Shell Scripting and Deployment of Applications in Server.
* Decent experience in using code repository tools **BitBucket** and **GitHub.**
* Handled messaging services using **Apache Kafka**.
* Excellent interpersonal, management, analytical and problem solving abilities.
* Strong communication and analytical skills and a demonstrated ability to handle multiple tasks as well as work indepessssndently or in a team.

 **Technical Skill Set:**

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| **Programming Languages** | C, C++, Core Java, Advanced Java and J2EE |
| **J2SE/J2EE Technologies** | JDBC, Servlets, JSP, JMS, JSTL, JNDI |
| **Spring Framework** | IOC , MVC, AOP, Security, Spring Boot |
| **Web Services** | REST and SOAP |
| **ORM Framework** | Hibernate |
| **Web Technologies** | HTML5, CSS3, JavaScript |
| **XML Technologies** | XML, XSL, DOM, DTD, XSD and XSLT |
| **Cloud Computing (AWS)** | EC2, Beanstalk, Lambda Functions, ECR, ECS, S3, Dynamo DB, API Gateway, Code Commit, Code Pipeline, CloudWatch, SNS, SQS |
| **Databases**  | Oracle, Postgres, MongoDB |
| **Servers** | Apache Tomcat, Web logic |
| **Build Tools** | Maven, Jenkins, AWS Code Pipeline |
| **IDE** | Eclipse, Spring Tool Suite(STS) |
| **Tools** | Postman, Soap UI, JUnit, Log4j, Confluence and JIRA |
| **Version Control** | BitBaucket, GitHub, AWS Code Commit |
| **Operating System** | Windows and Linux. |
| **Development Methodologies** | Agile, Waterfall  |

**Professional Experience**:

**American Express, Phoenix, AZ May 2019 - present**

**Java Developer**

**Responsibilities:**

* Involved in analysis and design phases of software development life cycle **(SDLC)**
* Responsible for the **analysis, documenting** the requirements and architecting the application based on **J2EE Standards.**
* Utilized Java 8 features like Lambda expressions and Stream API for Bulk data operations on Collections which would increase the performance of the Application.
* Extensively used core java concepts like collection frame work, multi-threading, OOPS and Exception Handling.
* Designed dynamic and browser compatible pages using **HTML5, DHTML, CSS3, BOOTSTRAP** and JavaScript.
* Responsible for maintaining and expanding **AWS (Cloud Services)** infrastructure using **AWS** Stack especially worked with database setup and maintenance on **AWS EC2.**
* Used Hibernate, object relational-mapping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with SQL-based scheme.
* Developed the JQuery callback functions to implement asynchronous communication using **AJAX.**
* Scrum methodology was used during the product life cycle.
* Designed, Developed & Deployed server-side common utilities for the application and the front- dynamic web pages using **Servlets, JSP, Angular-JS, Node JS, JavaScript, Bootstrap, HTML/DHTML and CSS**
* Migrated some modules to KOTLIN from Java.
* Created detailed design documents, use case diagrams and class diagrams.
* Built the backend **Rest API** using **Spring MVC** and **Hibernate ORM** frameworks.
* Performed backend migration from Spring MVC to **Spring Boot.**
* Effectively utilized **core J2EE** design patterns: MVC, DI/IOC, DAO, Factory, Business delegate, Service Locator, Singleton in the project implementation.
* Handled the Spring components such as Dispatcher Servlet, Controllers, Model and View Objects and View Resolver
* Involved in writing application Context XML file that contains declarations and other dependent objects declaration.
* Utilized **HTML5** and **AngularJS** in implementing some of the front end components.
* Monitored the control using **Spring IOC**
* Hands on experience in building and deploying enterprise level Web Content Management solutions on Adobe CQ and AEM.
* Worked on the Kotlin for building the backend components and API resources, experience working on JsonAPI for creating multiple API’s.8
* Extensively worked with **XML** while using Maven, **Dispatcher Servlet** etc.
* Used Web Services to establish communication between the systems.
* Implemented **RESTful** **Web services**. Published and consumed web services.
* Made extensive use of Oracle database to perform the analysis of data.
* Utilized Maven as the build tool.
* Maintained Interface compatibility and concurrency in the project using Java 8 new features like default, static methods and Concurrency API.
* Identified usability and develop functional and smooth, easy-to-operate and eye-catching web applications using EXT JS, Angular JS and React JS, Backbone.js, Node.js and Bootstrap with MySQL database.
* Utilized Jenkins for build automation.
* Used log4j as the logging framework
* Used Subversion **(SVN)** for source code management and version control.
* Used Junit with EasyMock/PowerMock for the unit testing of various modules.

**Environment:** Spring MVC, Spring Boot, Servlets, JSP, Kotlin, JavaScript, AEM , AngularJS, Ajax, HTML5, XML, IOC, Web Services, Rest API, Junit, Websphere, Oracle, AWS, log4j.

**Energy Transfer Partners, Houston, TX Jan 2018- April 2019**

**Java Developer**

**Responsibilities:**

* Reviewing Business Requirements, Functional Specifications and creating Detailed Design documents for development.
* Responsible to Design and Develop the Business components using Java 1.8 with Spring MVC.
* Followed Agile methodology and used Test Driven Development. Created Design Docs from Functional

Specifications.

* Used Spring Framework at Business Tier, Spring’s Bean Factory for initializing services.
* Developed classes using core java concepts like Multithreading, Exception Handling, and Collections
* Created Maven and Gradle builds to build and deploy Spring Boot microservices to internal enterprise Docker

registry.

* Developed service layer application by using REST API, SPRING BOOT, and JAVA 1.8
* Created APIs on the server side to perform CRUD operations using Java 8.
* Configured the development environment using Spring Boot with Spring MVC, Spring Data, Spring Security, and Spring Integration.
* Used the Java API to load the data into Cassandra Clusters.
* Based on the requirements, developed various Custom DAOs and made database connect using ORM TopLink Mapping, In-line SQL or stored procedures.
* Designed and developed the REST based Microservices using the Spring Boot.
* Provided REST endpoints to front-end and taking in parameters from the user and returning the required values accordingly.
* Developed SQL Statements for searching depending on Selection Criteria.
* Developed highly interactive web applications utilizing AEM
* Worked on setting up AEM projects using Maven.
* Drafted PL/SQL Stored Procedures and implemented complex logics to merge data from the tables and resulting into one table.
* Perform analytics on Time Series Data exists in Cassandra using Java API
* Made changes to the existing code depending on the comments from the management for any change in business logic.
* Involved with the admin team to setup, configure, troubleshoot and scaling the hardware on a Cassandra cluster.
* Committed the code into SVN(Tortoise) so that the whole team is one the same page
* Web application development for backend system using GIT 2/4, Node.JS with cutting edge HTML5 and CSS3 techniques.
* Migrated 9 microservices to Google Cloud Platform from skava and have one more big release planned with 4 more microservices.
* Extensive Knowledge and hands-on experience implementing PaaS, IaaS, SaaS style delivery models inside the Enterprise (Data center) and in Public Clouds using like AWS, Google Cloud, and Kubernetes etc.
* Used Angular2/4 to create maintainable and testable single page application, used AngularJS markup and expressions.
* Developed Servlets for Document Upload, Image Streaming and Caching the data.
* Wrote client side and Server-side validations using Struts Validators and Java Scripts Validations.
* Involved in Unit Testing, Integration Testing, and System Testing.
* Developed JavaScript validation using ng-Model for Client-side validations. Performed Code reviews and code fixes.
* Implemented business logic on server-side using Session Beans and Entity beans.
* Developed Class Diagrams, Sequence Diagrams using Rational Rose Software.
* Used JIRA for tracking the progress of the tasks assigned on both story level and sub-task level.
* Used Log4J to store log messages.

**Environment**: J2EE, Spring, TopLink, Struts, AJAX, CSS, JDBC, IntelliJ, Google Cloud Platform(GCP), Web logic 10.x, SVN, JIRA, Git, Web Services, AngularJS, NodeJS, Jenkins, SOAP, SQL Server, ANT, AEM, Windows 8, SOA, jQuery, AJAX, JavaScript, HTML, CSS3.

**UBS Secaucus, NJ**  **Jan 2017 to Dec 2017**

**Java Developer**

**Responsibilities:**

* Developed the Business logic in the middle-tier using Java classes, Java beans for storing and retrieving the data from Database.
* Developed the Product Builder UI screens using Angular-JS, Node JS, HTML5, CSS, JavaScript and Bootstrap.
* Worked on Quick Deposit, Mortgage escrow, Ebills, Liquid card support for COL using Service Oriented Architecture.
* Implemented MVC architecture using Spring Framework including Spring Boot. Designing, creating, database, writing DDL, DML statements and populating the Oracle database SQL/PL-SQL.
* Build and maintain code repositories and code migrations using CI/CD strategies (GIT, SVN, CSV, and Jenkins).
* Requirement gathering to update existing service with new changes and provide implementation.
* Used JSP’s for the presentation layer.
* Worked on designing API’s for providing web service and provide server side and local Implementation.
* Involved in setting up project structure and design guidelines using design patterns, Maven etc.
* Designed some caching mechanism in one of project.
* Involved in development of test environment on Docker containers and configuring the Docker containers using Kubernetes.
* Building/Maintaining Docker container clusters managed by Kubernetes Linux, Bash, GIT, Docker, on GCP
* Actively worked on peer to peer Code review as per the standard design and coding standards.
* Follow scrum /agile methodologies for project with 3 weeks of sprint cycle

**Environment:** Java 8, Maven, Apache-Tomcat, JSP, Spring 4, Spring Boot, JPA, UNIX, Oracle 9.x, XML , Log4j, JUnit, Jax-Rs, Web-Services (REST).

**Agnide technologies- Hyderabad, India Dec 2013 to Oct 2015**

**Java Developer**

**Responsibilities**

* Involved in the review and analysis of the Functional Specifications, and Requirements Clarification Defects etc.
* Involved in the analysis and design of the initiatives using Rapid Application Development.
* Involved in the development of the User Interfaces using HTML 5, JSP, Javascript and CSS 3.
* Implemented MVC architecture by using Struts/Swings to send and receive the data from front-end to business layer.
* Used JDBC calls in the JSP to access MySQL Database.
* Performed deployment of applications on IBM WebSphere Application Server.
* Created several custom tags for JSP for maximum re-usability for user interface components.
* Used struts Action Servlet to route the request to corresponding Action Classes.
* Used Struts Validator Framework to do validations
* Used Commons Logging framework (log4j) utility to log error, info and debug messages
* Performed Unit Testing and interacted with QA for testing. Involved in implementing validations, exception handling.
* Used AJAX for implementing part of the functionality for Customer Registration, View Customer information modules.
* Used Hibernate for Object Relational Mapping (ORM) and data persistence.
* Involved in Spring and Hibernate Integration to perform the CRUD operations on Oracle database
* Published APIs using restful services for the consumption through Service Endpoint Interface
* Used Junit test environment for test based development.
* Worked with XML, XSLT for building up & transforming the xml files.
* Used waterfall model for the software development process.

**Environment**: Java (JDK 1.5), Struts, Spring, WebSphere, RAD, JavaScript, JDBC, Hibernate, JDBC Template, SOA, REST, XML, XSD, XSLT, Servlets, JSP, Oracle, JUnit, Waterfall Model, SVN.

**Global Data Solutions Inc, Hyderabad, India Jun 2012 to Nov 2013**

**Jr. Java Developer**

**Responsibilities**:

* Involved in development, testing and maintenance process of the application
* Participating in user requirement sessions to gather business requirements
* Involved in Analysis, Design, Development, Integration and Testing of application modules
* Designed and developed Class diagrams and sequence diagrams using Unified Modeling Language (UML)
* Used Eclipse 3.2 IDE for coding, debugging and testing the application modules
* Developed presentation layer for the application modules using Adobe Flex and Action Script controls
* Used Struts framework to implement the MVC architecture.
* Wrote Java Server (JSF) pages and JavaBeans for the intranet website, including user reports, search engines, and forms.
* Underwent training on File NET P8 CE 4.0
* Developed server-side utilities using Java Beans, XML, and EJB.
* Created JSP, Form Beans for effective way of implementing Model View Controller architecture
* Developed necessary SQL queries for database transactions
* Developed and maintained the application configuration information in various properties files
* Designed and developed HTML front screens and validated user input using JavaScript
* Used Cascading Style Sheets (CSS) to give a better view to the web pages
* Used Eclipse for code development along with CVS for managing the code
* Performed testing and bug fixing

**Environment:** J2EE, Struts, JSF, Tomcat, Eclipse, JSP, JavaScript, CSS, HTML, XML, Oracle and WebServices.

**Education:**

* **Bachelors of Technology from JNTU, Hyderabad – India**
* **Masters from University In Chicago Charles, USA**