**SURENDRA KONETI**

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**PROFESSIONAL SUMMARY:**

* Proficient over **6 plus** years of experience in **System Design**, **Enterprise Software development** and Client/Server Implementation, Web Development using Object oriented/Internet technologies, Implementation of **J2EE Technologies** (**Spring3/4, Hibernate4/5,** **ORM, Struts, JDBC, Servlets, JSP**).
* Development experience in Spring technologies like **MVC, AOP, JDBC, ORM, JMS, REST Web Services, Micro Services and Spring Boot.**
* Involved in Design, development and testing of web application and integration projects using Object Oriented technologies such as Core Java, **J2EE**, **Multi-Threading, Struts, JSP, JDBC, Spring Framework, Hibernate, Java Beans, Web Services (REST/SOAP), XML, XSL, and Ant**
* Proficient in design and implementation of **Spring MVC Framework.**
* Developed and deployed **Microservices** based applications using **Spring Boot and Spring MVC**.
* Experience in developing Web services using **SOAP, SOAP UI and Restful.**
* Good knowledge in **RDBMS** concepts and experience in **Oracle**, **MS SQL Server** and **MySQL**.
* Good understanding of **NoSQL** Data bases and hands on work experience in writing application on databases **MongoDB** and **Cassandra**.
* Proficient in writing complex database **queries**, **stored procedures, and triggers**.
* Experience in designing Use Cases and Class Diagrams using **UML**.
* Good Knowledge with **Design Patterns** - MVC, Singleton, Session, Observer, State, Visitor, façade, Data Access Objects and Factory Pattern.
* Experience in NodeJS, implementing NodeJS callbacks, NodeJS web server, NodeJS Restful API’s.
* Experience with tools like with **Docker** Images/containers and **Kubernetes.**
* Knowledge on various Docker components like **Docker Engine**, **Hub**, **Machine**, **Compose** and **Docker Registry**.
* Expertise in using **Maven**, writing build files (**POM**) and **Ant** build files.
* Experience in Build and deployment automation through tools like **Jenkins**.
* Good knowledge on **Amazon Web Services** (AWS), Amazon Cloud Services like **Elastic Compute Cloud** (EC2).
* Work experience on **JUnit** for unit testing.
* Good Experience with **UNIX** commands and **Shell** **Scripting**.
* Good experience in working with operating systems - Windows and LINUX.
* Experience in designing Use Cases and Class Diagrams using **UML**.
* Designed and developed reports and provided integration points for services written in Java. **Jenkins** for CI and **AWS** for CD.
* Experience in using **Maven** tools to compile, package and deploy the components to the Application Servers in different environments.
* Experience on Agile/Scrum methodologies and Extreme Programming (Test Driven development, Pair Programming, Code Reviews).
* Excellent **Technical**, **Analytical**, **Problem Solving Skills**, **Communication Skills**, a good team player and have an ability to effectively communicate with all levels of organization like technical, management and customers.

**TECHNICAL SKILLS:**

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| **Programming Languages** | Java 8, J2EE, JSP, JavaScript, Angular, NodeJS, AJAX, SQL, Python, HTML, CSS, XML |
| **Frameworks** | Hibernate, Spring, Struts, JPA, Apache Thrift. |
| **IDE** | Eclipse, IntelliJIdea, Visual Studio Code, PyCharm. |
| **Design Patterns** | MVC, Singleton, Session, Observer, State, Visitor, façade, Data Access Objects and Factory Pattern. |
| **Relational Databases** | Postgres, MySQL, SQL Server. |
| **NoSQL** | Cassandra, MongoDB. |
| **Web Servers** | Apache Tomcat, IBM WebSphere. |
| **Web Services** | REST API, SOAP, Microservices, Swagger2 API Documentation. |
| **Deployment Tools** | Maven, Docker, Kubernetes and Apache ANT. |
| **Version Control** | SVN, GitHub, Bitbucket. |
| **Tools & Utilities** | JUnit, Log4j, selenium, Ant, Maven, Putty, SQL Explorer. |
| **Operating Systems** | Windows, Linux (Ubuntu). |

**PROFESSIONAL EXPERIENCE:**

**Express Scripts, St. Louis, MO Mar’2019 – Till Date**

**Full Stack Developer**

**Responsibilities:**

* Involved in analysis and design phases of Software Development life cycle (SDLC), documenting the requirements and architecting the application based on J2EE Standards.
* Implemented RESTful Web services to retrieve data from client side and made REST API calls from Angular JS and parsed the data to project to the client and handled the security and Authorization using Spring Security.
* Extensively used core Java concepts - Collection framework, Multi-threading, OOPS and Exception Handling.
* Developed the jQuery callback functions to implement asynchronous communication using AJAX.
* Designed dynamic and browser compatible pages using HTML5, CSS3, Bootstrap and JavaScript.
* Used Swagger to get REST API Specification and Documentation, Created and Tested Mock Service for the specification using SOAPUI Pro.
* Designed and developed Business components and Integrated with Spring Boot.
* Built the backend Rest API using Spring MVC and Hibernate ORM frameworks.
* Handled the Spring components such as Dispatcher Servlet, Controllers, Model and View Objects and View Resolver.
* Used Spring Framework AOP Module to implement logging in the application to know the application status.
* Created a batch process framework using Java Multithreading to cascade multiple changes on multiple records.
* Installing and monitoring PostgreSQL database using the standard monitoring tools like Nagios etc.
* Installing and Configuring PostgreSQL from source or packages on Linux machines.
* Developed user interface using HTML, JSP, CSS and implemented client-side validations using JavaScript using Angular 6 framework and Bootstrap framework.
* Developed application using Angular for single page web application and RESTful web services.
* Enhanced user experience by designing new web features using MVC Framework like Node.js.
* Implemented a SOA compliant system working on various transactional messaging using Session Beans and Message Driven Beans.
* Worked on configuring auto scalable and highly available microservices set with monitoring and logging using AWS, Docker, Jenkins and Splunk.
* Developed JMS interface programs to push the new data from the One Point Application to other Corporate systems.
* Followed Scrum/Agile Methodology during the software development life cycle.
* Extensively worked with XML while using Maven, Dispatcher Servlet etc.
* Proficient with container systems like Docker and container orchestration like EC2 Container Service, Kubernetes, worked with Terraform.
* Used log4j as the logging framework and Maven as build Tool.

**Environment:** Java 8, JDBC, Servlets, Spring MVC, Spring Boot, JSP, Hibernate, Struts, JMS, JavaScript,

Angular 6, Node.js, Postgres, Ajax, HTML5, XML, Restful Web Services, SOAP, Junit, WebSphere, SQL

Server, Git, log4j.

**Lowes, Morrisville, NC Jan’2018 – Feb’2019**

**Sr. Java Developer**

**Responsibilities:**

* Developed the Use Cases, Data Model, Class Diagrams, Sequence Diagrams for the Project and participated in the review of High-Level Document, System Plan and System testing.
* Played a key role in all the phases starting from requirement understanding, analyzing the requirement, designing and implementing the requirement.
* Interacted with Business Analysts for more understanding of the requirements.
* Design and developed web-based software using Java Server Faces (JSF), Spring Framework, Hibernate and JPA.
* Developed back-end logic with Core Java using technologies including Collection Framework, Multi-Threading, Exception Handling, Generics and Annotations.
* Modularized front-end CSS and JS code with Sass. Built a real time mouse/click user analytics web service with Node.js.
* Used Spring Boot to create stand-alone spring applications.
* Developed front-end code with Ajax call in Angular 4 and jQuery to retrieve data as JSON Object from controllers in back-end RESTful Server, then display the well-organized result in web pages by writing AngularJS controller, directives, services, and route providers.
* Used Swagger to get REST API Specification and Documentation, Created and Tested Mock Service for the specification using SOAPUI Pro.
* Provided enhancements and bug fixing support for existing Swing Java apps using concepts like generics, collections, enums, threads, etc.
* Responsible for installing and configuring third party software necessary to test the product such as IBM HTTP Server, IBM WebSphere Application Server.
* Produced RESTful based web services API using JAX-RS with Spring integration environment.
* Implemented Batch Updates using Spring and configured beans in Application Context file.
* Written code for marshalling and unmarshalling technique using JAXB to parse XML to string object and vice versa.
* Good understanding in databases such as Oracle and MySQL and experience during database design using PL/SQL in writing complex SQL queries.
* Hands-on experience in using message brokers such as ActiveMQ and RabbitMQ.
* Extensively worked with XML and JSON contents.
* Used GIT for version control management.
* Used Maven for generating system builds and Jenkins for continuous integration.
* Worked on Swagger API and auto-generated documentation for all REST calls.
* Deployed services to Docker to ensure it runs on all platforms without any interruptions.
* For handling the traffic, we have implemented Kubernetes to manage containers.
* Used Maven to build the projects on the build server on all platforms.

**Environment:** Java 8, Java EE, Spring MVC, Spring Boot, Hibernate, Angular 4, Node.js, REST Web

services, IntelliJ IDE 3.1, Docker, Kubernetes, Tomcat, Swing/AWT Toad, Maven, Oracle 10g, JSP, JMS,

SQL, AWS.

**On Deck Capital, NY City, NY Jan’2017 – Dec’2017**

**Java Developer**

**Responsibilities:**

* Involved in requirement, design and development phases of the application.
* Worked with DBA for the creation of new tables and new fields in the database.
* During development phase used Core Java concepts (Multi-threading, collections, Exceptions) and J2EEtechnologies (JSP, Servlets, EJB, JDBC).
* Developed application service components and configured beans using Spring IOC, creation of Hibernate mapping files and generation of database schema.
* Servlets used as the controllers for writing the business logic for handling the incoming requests.
* Used Hibernate with integrated DAO design pattern to access and update information in the Oracle database.
* Configured Hibernate second level cache using EH Cache to reduce the number of hits to the configuration table.
* Worked on database connectivity using Oracle SQL Developer and pushing data back and forth from the database.
* Used Maven for build automation tool to compile and generate EAR, WAR, and JAR files.
* Using JUnit framework performed unit testing to check the errors and fixing the bugs via Test-Driven Development.
* Creating new tables, views. Creating and updating SQL Stored Procedures, Data Types, Triggers and Constraints.
* Optimizing Queries with creating Indexes to improve performance of SQL queries which helps to retrieve the data faster in more efficient way when compared to scanning whole database.
* Used GIT as version control software to manage the source code and to keep track of changes to files which is fast and light weight system.
* Used Agile Methodology and participated in Scrum meetings.

**Environment:** Java 7, Java EE, Hibernate, JPA, Spring MVC, Web services, Spring 3, Eclipse 3.5, Putty,

Oracle WebLogic, Oracle 10g, JSF, JMS, SQL Developer, SQL, PL-SQL, Maven, Jenkins.

**Fluent Services, Pune, India Jan’2015 – July’2016**

**Jr. Java Developer**

**Responsibilities:**

* Participated in business requirement analysis.
* Developed both front end and back end of the application using Java8.
* Developed web components using Spring MVC framework to implement Dependency Injection (DI).
* Stored JSON objects into the database.
* Implemented ORM framework called Hibernate by developing Hibernate mapping files for Object relational mapping while configuring Hibernate.
* Worked on Integration of Microservices deployment patterns with the PAAS platform on top of AWS and Integrating with the Config server.
* Used Java Message Service JMS API for reliable and asynchronous exchange of important information.
* Developed HQL queries and wrote Data Access Objects (DAO) to handle HQL queries.
* Developed API using Node.js to allocate access to data in SQL, Mongo DB.
* Used various J2EE design patterns, like DTO, DAO, and Business Delegate, Service Locator, Session Facade, Singleton and Factory patterns.
* Implemented RESTful and WSDL and used web services to exchange product and customer order information.
* Designed and developed Java Web Services to allow external clients to interact with the system.
* Implemented JavaScript for Client-side validations.
* Wrote Unit test cases using JUnit and Mockito.

**Environment:** Java, JSP 2.0, HTML, CSS, JavaScript, EJB 2.0, JDBC 2.0, IBM Web Sphere 5.0, XML, XSLT, XML Schema, JUnit 3.8.1, Rational Rose 4.0, Ant, UML, Hibernate, Oracle and Windows.

**INNOPARK India Pvt Ltd June’2013 – Dec’2014**

**Jr. Java Developer**

**Responsibilities:**

* Developed the application using Struts following MVC architecture.
* Identified the participating pages and the navigation paths between pages.
* Developed action and form classes based on Struts framework to handle the pages.
* Used WebLogic Workshop page flow technology.
* Created several JSP's and populated them with data from databases using JDBC.
* Designed and developed EJBs to handle business logic and store persistent data.
* Developed Web Services to retrieve data from legacy systems.
* Involved in coding using Java Servlets, created web pages using JSP's for generating pages dynamically.
* Involved in developing forms using HTML and performing client-side validations using JavaScript.
* Developed server-side functionality for Admin Interface features (adding a User, Modifying the User Details, Assigning Roles, Modifying Roles etc)
* Used J2EE Singleton design pattern and EJB Session Beans.
* Planned and implemented various SQL, Stored Procedure, and triggers.
* Used JDBC to access Oracle database and implemented of connection pooling.
* Created test plans and JUnit test cases and test suite for testing the application.

**Environment:** Java, Hibernate, Spring Framework, Web services, Spring 3, Eclipse 3.5, SQL Developer,

Oracle 10g, JMS, SQL, PL-SQL, Maven, Jenkins.