**SURENDRA**

**Phone: +1 980-309-2625**

**Mail ID: surenk.0912@gmail.com**

**PROFESSIONAL SUMMARY:**

* Having **7 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**.
* Good understanding of Caching mechanisms such as **Memcached.**
* 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.
* Hands-on experience in using message brokers such as **ActiveMQ**and **RabbitMQ.**
* 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 handling messaging services using **Apache Kafka**.
* 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, Behavior 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 5** 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.
* Implemented **BDD** through **Cucumber.**
* Followed **Scrum/Agile Methodology** during the software development life cycle.
* Created the **Feature** **Files** for Cucumber Automation.
* Extensively worked with **XML** while using Maven, Dispatcher Servlet etc.
* Used **Maven** for generating system builds and **Jenkins** for continuous integration.
* Configured Cucumber **Report Plugin** and **Performance Plugin** to **Jenkins** to generate **html** test reports.
* Proficient with container systems like **Docker** and container orchestration like **EC2** Container Service, **Kubernetes.**
* Used **log4j** as the logging framework.

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

Angular 5, Node.js, Postgres, Ajax, HTML5, XML, Selenium, Cucumber, 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.**
* Implemented Spring boot microservices to process the messages into the Kafka cluster setup.
* Closely worked with Kafka Admin team to set up Kafka cluster setup on the QA and Production environments.
* 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.
* Implemented the function to send **JMS**message to **Apache ActiveMQ**on the edge device.
* 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.
* 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, Apache Kafka, 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.

**OnDeck 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 – Jul’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 Jun’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.