# SUSHMA

# Senior Java Developer

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# PROFESSIONAL SUMMARY:

# Dedicated and detail-oriented Java Developer with 10 years of experience in J2EE application development. Expertise in implementing JUnit tests, writing efficient and maintainable code, and developing data service layers with JPA. Skilled in problem-solving and code debugging, with a proven ability to work in collaborative environments. Excellent communication and interpersonal skills, with a strong track record of delivering high-quality software solutions.

# EXPERIENCE SUMMARY:

* Enhanced the functionality and efficacy of the backend by creating web applications that are both scalable and robust, utilizing Java and Spring.
* Experience with working in fast-paced AGILE development and waterfall environments.
* Strong development skills in Core Java, J2EE, JDBC, JSP, JPA, Servlets, Hibernate, Java Beans, EJB, JSF, JMS, JNDI, RMI, LDAP, XSLT, HTML, XML, CSS3, HTML5, AJAX, JavaScript, jQuery, AngularJS,

Oracle, PL/SQL and SQL Server

* Proficient in the development of dynamic and responsive user interfaces using front-end technologies, including JavaScript, HTML/CSS, and frameworks like Angular, React, and Vue.js.
* Enhanced the modularity and maintainability of the system by designing and implementing a microservices architecture using Spring Boot and Spring Cloud.
* Good experience with Operating Systems like Windows, LINUX and UNIX.
* Experience in using various Amazon Web Services (AWS) Components like EC2 for virtual servers, S3 and Glacier for storing objects, EBS, CloudFront, Elastic ache and DynamoDB for storing data.
* Good knowledge in writing multi-threaded applications.
* Involved heavily in setting up the CI/CD pipeline using Jenkins, Maven, Nexus, GitHub, CHEF and AWS.
* Skills in analyzing user requirements, modeling the system and ensuring functionality.
* Designed and developed multiple J2EE MVC Model based web applications using J2EE Technologies (Servlets and JSP), Patterns and popular open-source frameworks Spring, Struts and Hibernate.
* Experience in working with messaging systems like Kafka, Kafka event Sourcing.
* Hands-on experience in writing SQL using SQL Server, DB2, MySQL, Oracle 9i/10g/11g, NoSQL.
* Extensive knowledge on XML including XML Schema, XSLT, XPath, and XQuery.
* Designed web pages using various XML technologies including DTD, XML schema, and JAXB, JAXP, DOM and SAX parsers
* Ensured that client-side and server-side applications communicated seamlessly by leading the development and integration of REST APIs using Spring MVC and Node.js.
* Optimized data persistence and managed complex database interactions using Hibernate for ORM.

# TECHNICAL PROFICIENCY:

* Programming Languages: Java, JavaScript, SQL
* Operating Systems: Windows, UNIX, LINUX
* J2EE Technologies: Servlets, JSP, JDBC, JNDI, RMI
* Web Development: HTML/CSS, DHTML, XHTML, XML, XSL, XSLT, XSD, JWT.
* Frameworks and Libraries: Struts, Spring, Spring MVC, Spring security, Hibernate, Angular, Bootstrap, Node JS, Backbone JS, ExtJS, React JS, Vue.js, Spring boot, Spring MVC, Spring IOC.
* Databases: MySQL, MongoDB, Oracle 11g, DB2
* API Development: REST APIs, AJAX, JSON
* Version Control: Git
* Development Methodologies: Agile methodology
* Testing Frameworks: JUnit, Mockito, Jasmine, Karma
* Containerization and Orchestration: Docker, Kubernetes
* Continuous Integration/Continuous Deployment: Jenkins, GitLab CI
* Cloud Platforms: AWS, Azure
* Authentication and Authorization: OAuth2, JWT
* Serverless Computing: AWS Lambda, Azure Functions

# PROFESSIONAL EXPERIENCE:

**Elevance, Raleigh, NC Sept 2021 to Till Date**

**Senior Full Stack Developer Responsibilities:**

* Led Spring Boot and Spring Cloud architecture, slashing page load times 20% and boosting platform stability under high traffic. Users experience a noticeably faster, smoother platform.
* Streamlined front-end and back-end communication with RESTful APIs built on Spring Boot. Simplified future feature integration, leading to a 28% reduction in development time for new functionalities.
* Wrote application front end with HTML5, JSP, JavaScript, Ajax/jQuery, Spring Web Flow, XHTML, DHTML and CSS3.
* Developed dynamic user interfaces with Angular, resulting in a 30% increase in user engagement. Interactive features and improved responsiveness created a more captivating user experience.
* Integrated secure APIs (OAuth2, JWT) for third-party payment gateways and services. This ensured secure and reliable transactions, fostering user trust.
* Managed the deployment of the e-commerce platform to production environments using AWS Code Deploy.
* Developed comprehensive technical documentation for the microservices architecture and APIs.
* Successfully identified and resolved complex performance bottlenecks in the e-commerce platform.
* Collaborated with UX designers to develop user-friendly and responsive web interfaces using React. Ensured a positive user experience across various devices and screen sizes, potentially leading to increased customer satisfaction and brand loyalty.
* Used Angular form validation and customized validations to validate the user input and improve the user experience.
* Designed and developed the User Interface with HTML5, CSS3, JavaScript, AngularJS and jQuery.
* Implemented scripting with Ajax and XML to dynamically refresh the page contents and also implemented JAXB in XML binding.
* Implemented databinding and MVC using AngularJS for front-end development of this web application.
* Worked on creating responsive websites for smart devices using responsive web design, grid, media queries, Bootstrap.
* Responsible for React UI and architecture, building components library.

**Humana, Louisville, KY Sept 2018 to Aug 2021**

**Full Stack Developer:**

**Responsibilities:**

* Increased user engagement through the development of intuitive and responsive user interfaces within Angular applications by Increasing user login rate by 20%.
* Improved developer efficiency by fostering a culture of code reusability and maintainable component architecture and reduced development time for new features by 15%.
* Promoted collaboration across development teams by effectively communicating technical aspects of Angular development.
* Used AngularJS factory and services for dependency injection.
* Developed user interface using BOOTSTRAP UI and Angular Java Script to simplify the complexities of the application.
* Working on creating batch jobs using Autosys as the job scheduler and technologies like SQL Invoker, UNIX shell scripting and core java.
* AngularJS was used to parse the JSON file using the REST web services.
* Developed internal coding using J2EE technologies based on MVC architecture.
* Built and maintained enterprise-level applications using Java, Spring, and Hibernate. Gained expertise in building robust and scalable applications capable of handling complex business logic and data management.
* Managed the entire software development lifecycle, from requirements gathering to deployment and maintenance. Possesses a comprehensive understanding of the software development process, enabling delivery of high-quality solutions on time and within budget.
* Streamlined the deployment process with Docker and Kubernetes for containerization and orchestration. Reduced deployment times by deployments completed in 3 minutes faster and simplified infrastructure management, allowing for greater agility and efficiency.
* Involved in the Development of Spring Framework Controllers. Developed Controller for request, response paradigm by Spring Controllers using Spring MVC.
* Reduced production defects and increased code coverage by 50% reduction in defects and 80% code coverage through implementation of automated testing procedures (JUnit, Mockito).

Ensured code quality and stability, minimizing the risk of bugs impacting production environments.

**Infosys Feb 2015 to March 2018**

**Full Stack Developer Responsibilities:**

* Built and maintained enterprise-level applications using Java, Spring, and Hibernate. Gained

expertise in building robust and scalable applications capable of handling complex business logic and data management.

* Collaborated with UX designers to develop user-friendly and responsive web interfaces using React. Ensured a positive user experience across various devices and screen sizes, potentially leading to increased customer satisfaction and brand loyalty.
* Used Angular form validation and customized validations to validate the user input and improve the user experience.
* Worked on creating responsive websites for smart devices using responsive web design, grid, media queries, Bootstrap.
* Streamlined the deployment process with Docker and Kubernetes for containerization and orchestration. Reduced deployment times by deployments completed in 3 minutes faster and simplified infrastructure management, allowing for greater agility and efficiency.
* Improve the scalability and efficacy of a high-traffic e-commerce platform by leading the development of a microservices-based architecture.
* Enhanced the communication between front-end and back-end systems by implementing RESTful APIs using Spring Boot.
* Plugins for JavaScript were created using jQuery.
* Used eclipse as an IDE to develop the application.
* Streamlined the deployment process by employing Docker and Kubernetes for containerization and orchestration.
* Implemented JUnit tests to ensure the quality and reliability of Java EE applications.
* Developed Java EE applications with reusable, maintainable, and well-designed code.
* Collaborated with team members to understand requirements and implement them effectively
* Wrote SQL queries, DDL, and DML statements for database operations.
* Demonstrated strong aptitude to learn and adapt to new technologies in a dynamic team environment.

**Education**

**G.Narayanamma Institute of Technology & Science**

Electronics and communication engineering