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**Yaswanth**

**Sr. Java Full Stack Developer**

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**Sr. Java Full Stack Developer**

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* Boasting **10 years** of career as a **seasoned Java Developer** at the senior level, I offer an in-depth knowledge of full-stack development, complemented by certifications in **Oracle**and skilled in cloud platforms through **AWS** and **Azure** credentials. My expertise extends to modern software development practices and the latest in **Java technology,** positioning me to reliably craft and deploy resilient, scalable and superior-quality software solutions.
* **Software Development Life Cycle (SDLC)**: Demonstrated expertise in all phases of software engineering, proficiently navigating both **Waterfall** and **Agile** methodologies. Adept at project management, requirement gathering, analysis, design, coding, testing, deploymentand documentation.
* **Analysis & Design**: Specialized in designing and developing server-client and web-based applications utilizing **Java/J2EE**. Skilled in applying modern software development approaches, including **MVC** and event-driven applications using **AJAX** and **OO JavaScript**.
* **Agile Methodology**: Proficient in Agile project management, excelling in iterative development, scrum practicesand continuous integration. Proven track record of enhancing team productivity and improving project outcomes.
* **Java Proficiency**: In-depth knowledge of Java, spanning multiple versions (6, 7, 8, 11and 14). Expertise includes Java 8 features like **Lambda Expressions**, **Streams**and **Method references**.
* **Core Technologies & Frameworks**:
* **Maven**, **Hibernate**, **Spring Boot**: Proficient in enterprise application development and dependency management.
* **Angular**, **TypeScript**, **JavaScript**, **HTML5**, **CSS3**, **SASS**, **Node.js**, **RxJS**: Skilled in developing highly interactive web applications, ensuring optimal performance on both mobile and desktop platforms.
* **Microservices Architecture**: Experienced in creating scalable and efficient microservices using **Spring Boot** and **Node.js**. Knowledgeable in **Spring Batch**, **RESTful APIs**and **GraphQL**.
* **Front-End Development**: Extensive experience in single-page applications (SPAs) using the **MEAN** stack. Proficient in various JavaScript frameworks like **Angular**, **Backbone JS**, **Ember JS**, **Knockout JS**and **Ext JS**.
* **AWS**, **Azure**, **GCP**: Hands-on experience in cloud-based platforms, including Amazon Web Services, Microsoft Azureand Google Cloud Platform.
* **Cloud-Native Technologies**: Proficient in deploying and managing applications and services in cloud environments.
* **Messaging Services**: Adept in implementing and managing messaging queues with **Apache Kafka**, **RabbitMQ**, **ActiveMQ**, **JMS**and **Apache Pulsar**.
* **CI/CD Expertise**:
* **Tools**: **Jenkins**, **Docker**, **Kubernetes**, **Hudson**.
* **Pipeline Development**: Skilled in constructing and managing CI/CD pipelines, ensuring efficient deployment and integration processes.
* **ORM Frameworks**: Experienced in Middleware persistence/ORM frameworks like **Hibernate** and **JPA**, with a focus on Hibernate Query Language (HQL) and criteria projections.
* **Logging Frameworks**: Proficient in various logging frameworks such as **Log4j**, **Java Util Logging**, **Logback**, **SLF4J**, **Apache log4j2**.
* **Development Tools & IDEs**: Skilled in using development tools and IDEs including **IntelliJ**, **Eclipse**and **NetBeans** for efficient and effective software development.
* **Application Servers**: Proficient in deploying applications on servers like **WebSphere**, **Tom EE**, **GlassFish**and **WildFly**.
* **Database Management**: Extensive experience in database modeling, designand development across various RDBMS like **Oracle**, **SQL Server**, **PostgreSQL**, **MySQL** and NoSQL databases like **MongoDB**, **Cloudant DB**, **Cassandra** and **DynamoDB**.
* **Version Control Systems**: Competent in using **Git**, **GitHub**, **SVN**and **Bitbucket** for code collaboration and version control.
* **Bug Tracking Tools**: Experienced in utilizing **Jira**, **Redmine**and **Log4J** for efficient bug tracking and issue resolution.
* **Testing Tools**: Proficient in testing tools such as **JUnit**, **Mockito**, **TestNG**, **LoadRunner**, **Cucumber**and **Selenium**, demonstrating strong skills in unit testing, integration testing and generating test cases for web applications.

 **Education**

* Bachelor of Technology in Computer Science, JNTUK University, Kakinada city, India from 2010 to 2014

**Certifications**

* AWS Certified Developer Associate.
* Microsoft Certified Azure Developer Associate.

**Millipore Sigma, St. Louis - MO July 2021-Till Now**

**Sr. Java Full Stack Developer**

**Responsibilities:**

* **Comprehensive SDLC Involvement**: Demonstrated a deep engagement in every phase of the **Software Development Life Cycle**. Excelled in transforming complex business requirements into effective software solutions, encompassing requirements analysis, systematic design, codingand development.
* **Advanced Analysis & Design**: Excelled in crafting responsive UI/UX designs using cutting-edge technologies, including **HTML5**, **CSS**, **JavaScript**, **Bootstrap**, **JSON**and **AJAX**. Specialized in enhancing application performance through**Angular 8** for future-proof and scalable designs.
* **Agile and TDD Expertise**: Mastered **Agile methodologies** with a focus on **Test-Driven Development**, ensuring rapid, high-quality software development cycles and continuous improvement.
* **Proficient in Java (JAVA 11 and JAVA 14)**: Leveraged advanced Java features, including **Lambda expressions** and modern **concurrency APIs**, to develop efficient and robust applications. Excelled in interface compatibility and advanced multithreading techniques.
* **React 17 Development**: Spearheaded front-end development initiatives using **React 17**, focusing on creating highly interactive and user-centric web applications.
* **Microservices Architecture Mastery**: Orchestrated sophisticated Microservices architectures using Spring Boot, integrating RESTful APIs and Spring Securityand enhanced system communication with Apache Kafka..
* **Front-End Development Expertise**: Innovated in front-end development using **Angular 8**, **TypeScript**, **HTML5**, **CSS3**and **Bootstrap4**, emphasizing modular and reusable component-based architectures.
* **Cloud Services Proficiency (AWS)**: Deployed and managed comprehensive **AWS** cloud solutions, leveraging services like **EC2**, **S3**, **ElasticSearch**, **SNS**, **SQS**and **Lambda** for scalable and efficient cloud architectures.
* **Effective Messaging with Apache Kafka**: Implemented and managed **Apache Kafka** for robust message queuing and processing, optimizing application communication and data management.
* **CI/CD Leadership (Docker, Kubernetes)**: Led the CI/CD domain by mastering containerization with Docker and automating deployment pipelines using Jenkins and Kubernetes, significantly enhancing deployment efficiency and application management.
* **ORM Frameworks (Hibernate)**: Expertly utilized **Hibernate** with **Spring** for sophisticated data handling and interactions with Oracle databases, employing advanced data mapping and persistence techniques.
* **Logging Frameworks (Log4j)**: Implemented comprehensive logging strategies using**Log4j**, crucial for effective application monitoring and troubleshooting.
* **Maven for Build Management**: Utilized **Maven** to streamline software build processes, ensuring efficient project management and dependency resolution.
* **IDE Proficiency (IntelliJ IDEA)**: Expertly leveraged **IntelliJ IDEA** for development activities, maximizing coding efficiency and precision.
* **Application Server Management (WEBLOGIC)**: Proficient in deploying and maintaining applications on **WEBLOGIC** servers, ensuring optimal performance and reliability.
* **Database Expertise (SQL)**: Demonstrated proficiency in **SQL** for robust database design and development, focusing on data integrity and operational efficiency.
* **Web Server Deployment (Apache Tomcat)**: Managed **Apache Tomcat** server deployments, ensuring secure and reliable hosting environments for web applications.
* **Version Control with Git**: Skilled in **Git** for effective version control, supporting collaborative development and streamlined code management.
* **Project Management Using Jira**: Utilized **Jira** for efficient project management and bug tracking, driving projects to timely and successful completions.
* **Testing Expertise with JUnit**: Committed to high-quality software delivery, utilizing **JUnit** for thorough unit testing in line with Test-Driven Development practices.

**Environment**: Spring Boot, RESTful APIs, Spring Security, Apache Kafka, HTML5, CSS, JavaScript, Bootstrap, JSON, AJAX, Angular 8, Java 11, Java 14, React 17, TypeScript, AWS (EC2, S3, ElasticSearch, SNS, SQS, Lambda), Docker, Kubernetes, Hibernate, Log4j, Maven, IntelliJ IDEA, WEBLOGIC, SQL, Apache Tomcat, Git, Jira, JUnit.

**T-Mobile, Bellevue - WA Aug 2020- Jun 2021**

**Java Full Stack Developer**

**Responsibilities:**

* **Agile Development Expertise**: Proficiently engaged in all **Software Development Life Cycle** stages, starting each day with focused **Scrum** sessions as part of **Agile** methodology.
* **Front-End Development Skills**: Specialized in crafting interactive web pages using **HTML5**, **CSS3**and **JavaScript**, alongside modernizing legacy UIs with technologies like **Angular**, **CSS**, **Node.js** and **Express.js**.
* **Single Page Application Development**: Built Single Page Applications (SPA) using a combination of **Angular**, **Bootstrap**, **JavaScript**, **CSS3**and **HTML5**.
* **Microservices Architecture Design**: Designed and implemented efficient microservices using the **REST** framework and **Spring Boot**, incorporating **Bootstrap** with **Angular** for UI development.
* **Server and Persistence Layer Management**: Deployed applications on **JBoss 6.x** Application Server and developed the persistence layer using the **Hibernate Framework**.
* **Performance Optimization**: Enhanced application performance and maintainability by implementing multithreading and optimized exception handling and collection APIs.
* **Spring Boot & Security Implementation**: Implemented applications using **Spring Boot**, managing authentication, authorizationand access control with **Spring Security**.
* **Restful Web Services Development**: Developed **RESTful Web Services** in a Microservices architecture for efficient data retrieval from the client side.
* **Cloud-based Microservices Deployment**: Deployed Microservices on **AWS Cloud**, using **Spring Boot** and **Spring Security**, ensuring robust and scalable cloud architecture.
* **Back-End Server Development**: Developed the backend server with **Spring Boot**, covering various application layers for a holistic development approach.
* **Spring DAO and Struts Framework Integration**: Used **Spring DAO** Module in conjunction with the **Struts Framework** for efficient database operations.
* **Spring Framework Utilization**: Involved in using **Spring Framework IOC** for bean conceptualization and **Spring ORM** for database mapping using **Hibernate**.
* **Spring Boot for Application Building**: Used **Spring Boot** for building applications with initializers, bootstrapping build configurationsand developing custom solutions.
* **Data Modeling in Cassandra**: Engaged in data modeling activities for tables in **Cassandra**.
* **MongoDB Expertise**: Gained significant experience in **MongoDB** scaling and strategiesand implemented service layers using Java and **RESTful API** on top of **MongoDB**.
* **Microservice Architecture with Apache Kafka**: Utilized Microservices architecture with **Spring Boot** services, integrating **REST** and **Apache Kafka** for messaging.
* **AWS Elastic Load Balancing**: Worked on **AWS Elastic Load Balancing** to deploy applications in high-availability configurations.
* **CI/CD Implementation with Jenkins**: Utilized **Jenkins** for integration in CI/CD pipelines, creating and managing **EC2** instances for seamless integration.
* **Junit Framework for Testing**: Involved in comprehensive testing using the **Junit** framework and addressing bugs and issues during the testing phase.
* **AWS Cloud Deployment**: Developed and deployed **RESTful web APIs** in **AWS** instances and **OpenShift**.
* **AWS Cloud Formation and Auto Scaling**: Developed **AWS cloud formation** templates, setting up auto-scaling for **EC2** instancesand automated provisioning using **Jenkins** and **Chef**.
* **Docker Containerization**: Worked on creating custom **Docker** container images, integrating them with **Spring Boot** applications.
* **Maven Scripts for Build Management**: Developed **Maven** scripts for builds and continuous integration using **Jenkins**.
* **Log4j for Logging**: Generated logs using **Log4j** to identify errors in production and test environments.
* **JIRA for Project Management**: Used **JIRA** to track, reportand audit issues in applications.
* **DevOps Automation Processes**: Involved in automating build and deploy systems as part of DevOps migration.
* **Chef for Cloud Server Deployment**: Utilized **Chef** for building server deployment on **AWS EC2** cloud servers.
* **AWS-CLI for Lambda Function Management**: Used **AWS-CLI** to manage **AWS Lambda** functions processing **Amazon Kinesis** streams.
* **Spark Streaming Pipeline with Python**: Constructed a **Spark Streaming** pipeline using **Python** for real-time data processing from **Apache Kinesis Streams**.
* **Apache Kinesis Streams Management**: Implemented **Apache Kinesis Streams** streaming for handling record streams, topic subscriptionsand consumer-producer functionalities.

**Environment**: HTML5, CSS3, JavaScript, Angular, Node.js, Express.js, Bootstrap, REST, Spring Boot, JBoss 6.x, Hibernate, Spring Security, Cassandra, MongoDB, Apache Kafka, AWS (Elastic Load Balancing, EC2, Cloud Formation, Lambda), Jenkins, JUnit, Docker, Maven, Log4j, JIRA, Chef, AWS-CLI, Python, Apache Kinesis Streams.

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**First Bank, Denver - CO Sept 2018 -Aug 2020**

**SMM**

**Responsibilities:**

* **Comprehensive Development Life Cycle Involvement**: Worked through all development phases, from requirement analysis to deployment and testing, focusing on banking-specific software solutions.
* **Design and Modeling**: Utilized **Rational Software Architect (RSA)** for modeling banking application design artifacts, ensuring compliance with financial regulations.
* **Full-Stack JavaScript Development**: Created banking applications using **React**, **Redux**and **NodeJS**, incorporating secure financial transaction features.
* **React Expertise**: Utilized **React Lifecycle Methods** and **React Context** for centralized data management, crucial for handling sensitive banking data.
* **J2EE Technologies in MVC Architecture**: Designed systems with J2EE technologies based on MVC architecture, optimizing for financial operations.
* **Enterprise JavaBeans (EJB) Development**: Developed EJB components interfacing with databases, key for managing large-scale financial data.
* **Front-End Development with React and Struts**: Implemented SPA development using **React-Router** and the **STRUTS** framework for view management.
* **J2EE Design Patterns Implementation**: Implemented J2EE design patterns like Front Controller and Service Locator, enhancing banking application reliability.
* **Web UI Development**: Developed interfaces with **JSP**, **JSTL**, Struts custom tagsand JavaScript, ensuring an intuitive user experience.
* **WebLogic Application Server Management**: Managed **WebLogic Application Server**, ensuring stable environments for banking applications.
* **XML and XSLT Utilization**: Employed **XSLT** for XML content transformation, handling financial data feeds and reports.
* **Quality Assurance and Documentation**: Coordinated with QA for testing and production releases, developing clear and compliant financial software documentation.
* **Logging and Messaging Services**: Integrated **Apache Log4J** and **Apache Kafka** for transaction tracking in banking systems.
* **JBoss Configuration and Maintenance**: Configured **JBoss**, setting up essential resources for banking applications.
* **Data Access Layer with iBATIS**: Implemented the data access layer using the **iBATIS** framework for streamlined database interactions.
* **Build and Deployment Automation**: Wrote **Ant Scripts** for application deployment in **JBoss**.
* **Test-Driven Development (TDD)**: Emphasized TDD using **JUnit**and enhanced**Selenium** test cases for cross-browser compatibility.
* **Cloud and Containerization in Azure**: Established databases and storage solutions using **Azure SQL Database** and **Azure Blob Storage**, prototyping CI/CD with **Azure DevOps** utilizing **Kubernetes** and **Docker** for a scalable cloud infrastructure.
* **Azure Security and CDN Management**: Configured **Azure Firewall** and utilized **Azure CDN** for content delivery, improving banking application security and user experience.
* **Docker and Continuous Delivery**: Leveraged **Docker** in continuous delivery frameworks for the banking domain.
* **Project Management with JIRA**: Utilized **JIRA** for defect management, maintaining high-quality standards in banking software development.
* **Agile Methodology in Banking Projects**: Actively participated in Agile-driven design, development, implementationand testing of enterprise banking applications.
* Modern Web Application Development: Developed backend systems using technologies like **Angular 4**, **Angular CLI**, **Webpack**, **HTML5**, **TypeScript**, **WIJMO**, **SASS**and **CSS3**.

**Environment**: Rational Software Architect (RSA), React, Redux, NodeJS, J2EE, Enterprise JavaBeans (EJB), React-Router, STRUTS, JSP, JSTL, JavaScript, WebLogic Application Server, XML, XSLT, Apache Log4J, Apache Kafka, JBoss, iBATIS, Ant, JUnit, Selenium, Azure SQL Database, Azure Blob Storage, Azure DevOps, Kubernetes, Docker, JIRA, Agile, Angular 4, Angular CLI, Webpack, HTML5, TypeScript, WIJMO, SASS, CSS3.

**Information Solution Pvt Ltd, Hyderabad – India Jan 2015- July 2017**

**Java Developer**

**Information Solution Pvt Ltd, Hyderabad – IndiaJan 2015- July 2017**

**Java Developer**

**Responsibilities:**

* **Front-End Development Mastery**: Skillfully created web pages from mockups using **JavaScript**, **CSS3**and **HTML5**, focusing on intuitive user interface design.
* **Single Page Application Design**: Utilized **Bootstrap Framework** and **AngularJS** for designing responsive and dynamic single-page applications, ensuring a seamless user experience.
* **Web Technologies Expertise**: Designed robust business applications using **HTML5** and **CSS**, adhering to **W3C standards** for web development.
* **APIs and Web Services Integration**: Wrote application-level code for interacting with APIs and web services using **AJAX** and **XML**, enhancing application functionality and user interaction.
* **Client-Side Scripting**: Developed data-intensive web applications and deployed scripts using client-side **JavaScript**, focusing on performance optimization and cross-browser compatibility.
* **Cross-Browser Compatibility**: Addressed and rectified compatibility issues across multiple browsers, ensuring uniform functionality and design.
* **CSS-Based Layouts**: Created cross-browser compatible and standards-compliant CSS-based page layouts, contributing to the aesthetic and functional consistency of web applications.
* **Struts Framework Utilization**: Developed **Struts** form beans, action classesand JSPs, adhering to Struts framework standards for streamlined application development.
* **XML Parsing and Transformation**: Used **JAXB** for XML parsing and **SAX XML API** for populating bean values, in addition to developing XML applications with **XSLT** transformations.
* **Lifecycle Methodology Understanding**: Demonstrated a thorough understanding of application development lifecycle methodologies, ensuring efficient project management and delivery.
* **Graphic Prototyping and UI Design**: Optimized graphic prototypes and application interfaces using **HTML5** and **CSS3**, specializing in user interface implementation for web-based customer applications.
* **Integration with Service Management Tools**: Implemented modules with integration capabilities for service desk and clarity in ticket management, enhancing portfolio integration of services.
* **Spring Framework Implementation**: Utilized **Spring JDBC** for data representation and **Spring Batch** for processing large datasets, adhering to requirements of reliability and robustness.
* **PL/SQL and Stored Procedures**: Developed PL/SQL stored procedures for scheduled execution, contributing to database management and optimization.
* **SOAP Web Services**: Developed SOAP-based XML web services, facilitating effective data interchange and integration.
* **Report Generation with Jasper**: Leveraged **Jasper** to generate comprehensive and rich content reports, enhancing data presentation and analysis.
* **XML Document Creation**: Created XML documents using **STAX XML API**, facilitating structured data transfer to Web Services.
* **Build and Version Control**: Employed **Apache Ant** for build processes and **Rational Clear Case** for version control, ensuring smooth and efficient software development cycles.
* **Automated Scheduling with Quartz**: Utilized quartz scheduler for automated triggering and processing of applications, enhancing operational efficiency.
* **WebSphere Application Server Management**: Configured and deployed web components on **WebSphere Application Server**, ensuring robust application hosting and management.
* **Azure Cloud Integration**: Proficient in deploying and managing applications on **Microsoft Azure**, utilizing Azure services like **Azure App Services**, **Azure SQL Database**and **Azure Storage** for scalable cloud-based solutions. Implemented Azure **Active Directory** for secure identity and access managementand leveraged**Azure DevOps** for CI/CD pipelines, enhancing development and deployment processes.
* **Testing and Troubleshooting**: Engaged in rigorous unit testing, troubleshootingand debugging, focusing on delivering high-quality and error-free web applications.

**Environment**: JavaScript, CSS3, HTML5, Bootstrap, AngularJS, AJAX, XML, Struts, JAXB, SAX, XSLT, Spring JDBC, Spring Batch, PL/SQL, Jasper, STAX, Apache Ant, Rational Clear Case, Quartz, WebSphere Application Server, Microsoft Azure (Azure App Services, Azure SQL Database, Azure Storage, Azure Active Directory, Azure DevOps), JUnit.

**Green Byte, Hyderabad – India July 2012 - Dec 2014**

**Java Developer**

**Green Byte, Hyderabad – India July 2012- Dec 2014**

**Java Developer**

**Responsibilities:**

* **Core Java Implementation**: Utilized Core Java concepts such as Exception Handling and Collection APIs to implement various features and enhancements, enhancing application efficiency and reliability.
* **Web Application Development**: Designed and implemented web applications, integrating relational databases like **MySQL**, to create robust and scalable solutions.
* **Database Manipulation and Design**: Executed complex SQL statements using JDBC for database manipulation. Played a key role in Database Schema Design and crafting intricate SQL queries, contributing to efficient data management.
* **WebSphere Configuration and Management**: Managed Application Server settings, including node creation, cluster configurationand Data Sources setup for Database connectivity in **WebSphere**. Implemented configurations for messaging queues, optimizing system communication.
* **Build Management**: Managed builds and updated **Ant** build scripts for Java/WebSphere-based applications, streamlining the build process.
* **Caching Mechanism Implementation**: Implemented caching mechanisms to efficiently load data from **Oracle** and **MySQL** databases, improving application performance.
* **Restful Web Services Integration**: Consumed Restful Web Services for dynamic updates of Model and Views in the application, demonstrating extensive use of **Linux/Unix** operating systems.
* **UI Development with Java Swings**: Developed intuitive and user-friendly interfaces using **Java Swings**, focusing on enhancing user interaction.
* **Testing with JUnit**: Conducted thorough testing of functional requirements using **JUnit** test cases, ensuring robust and error-free application delivery.
* **Java Collections and Utilities**: Worked extensively with Java collection API (Lists, Sets, Maps) and utility packages, leveraging these frameworks for improved application functionality.
* **SQL Query Execution**: Proficient in implementing SQL queries, including Select, Insert, Deleteand Update statements, for effective database operations.
* **Front-End Development**: Involved in developing front-end frameworks using **HTML**, ensuring responsive and visually appealing designs.
* **Client-Side Scripting**: Performed client-side validations using **JavaScript**, enhancing user experience and application accuracy.
* **Version Control and Continuous Integration**: Utilized **SVN** for version control and **Hudson** for continuous build integration, maintaining code quality and consistency.
* **Presentation Layer Development**: Designed and developed the presentation layer using **JSF**, **Ajax**and various third-party libraries, creating engaging and interactive user interfaces.

**Environment**: Core Java, MySQL, JDBC, WebSphere, Ant, Oracle, Linux/Unix, Java Swings, JUnit, Java Collections API, HTML, JavaScript, SVN, Hudson, JSF, Ajax.