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**Professional Summary:**

* Around 7+ years of experience as a Senior Software Developer with expertise in developing and maintaining complex applications in healthcare, insurance, and banking domains.
* Designed and implemented microservices architecture using Spring Boot and Docker to enhance scalability, maintainability, and performance across diverse platforms.
* Experienced in Developing Java/J2EE Applications using JDK 1.7/1.8, Core Java, JSP, JSF, Spring, Web Services, Struts, XML, and XSL.
* Developed RESTful APIs and SOAP web services for seamless integration between core systems, ensuring efficient data exchange in healthcare, insurance, and banking applications.
* Utilized Kafka for real-time data streaming and event-driven processing, significantly improving data handling and responsiveness in healthcare and insurance systems.
* Implemented OAuth2 and JWT with Spring Security to ensure robust security protocols for authentication and authorization in sensitive financial and healthcare applications.
* Developed responsive and dynamic user interfaces using Angular 6/12, ReactJS 17, HTML5, CSS3, and Bootstrap 4/5, enhancing user experience across banking and insurance platforms.
* Managed databases using Oracle 11g/19c and MongoDB 4.x, optimizing queries and ensuring efficient data storage and retrieval for large-scale applications.
* Deployed and managed applications on cloud platforms like AWS utilizing Kubernetes for efficient container orchestration and scalability.
* Led Agile development teams, effectively coordinating sprints, stand-ups, and retrospectives to deliver high-quality software within tight deadlines.
* Monitored system performance using JMX with Java Management Extensions (JMX) 1.4, allowing real-time application management.
* Enhanced system performance and caching with Redis and Cassandra, significantly reducing latency in data-intensive healthcare and financial applications.
* Conducted rigorous unit and integration testing using JUnit 5 and Selenium, ensuring high code quality and reducing defects in production environments.
* Deployed and managed applications on WebLogic and WebSphere Application Servers, ensuring high availability and robust performance in banking and financial systems.
* Managed CI/CD pipelines using Jenkins 2.303 and Docker 20.10, automating deployment processes and maintaining consistency across development, testing, and production environments.
* Collaborated with cross-functional teams, including UX/UI designers and DevOps, to deliver user-friendly and secure applications that meet industry standards and client needs.
* Experienced in the Development, testing, and deployment of enterprise applications on Windows & UNIX platforms using IDEs such as Eclipse, NetBeans, and IntelliJ 14.x/15.x, Web Storm, Visual Studio Code.

**Experience:**

**Client: First Republic Bank Dec 2022- Present**

**Senior Software Developer**

**Responsibilities:**

* Built and maintained backend services using Java 8 and Spring Boot 2.x, ensuring scalable, secure banking applications.
* Skilled in Java 21 features, including Record Patterns, Virtual Threads, and Sequenced Collections.
* Implemented client-side logic in ReactJS, manipulating DOM nodes and enhancing UI performance across application modules.
* Experienced in Retail, Banking, and Payment domains, working on transaction processing and financial application systems.
* Managed issue tracking and workflow automation using GitHub Issues and Project Boards for efficient task management.
* Developed RESTful APIs with Java 11, Spring Boot 2.4, and Spring MVC 5.2, improving response times by 35%.
* Utilized Helm charts to simplify Kubernetes deployments, enhancing container orchestration and version control.
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* Skilled in writing optimized JDBC queries for efficient database interactions.
* Developed dynamic web pages using JSP and Servlets.
* Built user-friendly web applications using JSF and PrimeFaces components.
* Experienced in refactoring monolithic architectures for improved scalability and maintainability.
* Hands-on experience in managing repositories using Bitbucket for version control and collaboration.
* Proficient in using JUnit, Mockito, and TestNG for automated testing.
* Leveraged Java 8 Lambda expressions to streamline functional programming and reduce redundant code in backend applications.
* Built reusable React.js components and optimized templating for improved application scalability and performance.
* Designed and optimized PostgreSQL database schemas, queries, and indexing strategies to improve application efficiency.
* Worked closely with backend developers to fetch and display dynamic JSON data through services.
* Enhanced JSP-based applications for improved server-side rendering.
* Customized JSF components to enhance application responsiveness.
* Developed complex SQL queries for relational databases, improving performance and data retrieval accuracy.
* Integrated PayPal, Stripe, and Authorize.net for secure online transactions, ensuring seamless payment processing.
* Integrated Java applications with relational databases like MySQL and PostgreSQL using JDBC.
* Implemented HTML5, CSS3, and JavaScript to build dynamic, responsive front-end user interfaces with tableless layouts.
* Utilized third-party libraries such as ngx-bootstrap, ng-select, and PrimeNG to expand UI capabilities.
* Integrated Bitbucket with CI/CD pipelines for automated deployment processes.
* Built scalable and high-performance applications utilizing Java 21 enhancements.
* Designed RESTful web services, exposing APIs in JSON format for seamless integration with Django-based admin panels.
* Secured enterprise applications by implementing OAuth 2.0 authentication, ensuring compliance with industry security standards.
* Configured and managed Artifactory repositories to optimize artifact storage, retrieval, and dependency resolution in Java projects.
* Deployed and managed Java applications using Tomcat 9.0+, JBoss, and Kubernetes for scalable microservices architecture.
* Implemented GitHub Actions to automate build, test, and deployment processes, improving CI/CD efficiency.
* Designed and deployed containerized microservices using Docker, integrated with Jenkins for automated deployments.
* Engaged in daily stand-ups and sprint planning to align development with backend Java deliverables.
* Experienced in executing software projects using Agile and Waterfall methodologies.
* Extensive experience in writing unit tests before implementation to develop robust applications.
* Integrated Apache Kafka with Spring Boot microservices to enable real-time, event-driven communication between distributed systems.
* Developed and maintained CI/CD pipelines using Jenkins, automating deployment workflows for Java applications.
* Used Bitbucket Pipelines to automate testing and deployment tasks.
* Integrated Java 21 with microservices architectures to improve application responsiveness.
* Utilized JWT-based authentication to secure REST APIs and enhance access control mechanisms.
* Managed MongoDB 4.4 for flexible, document-based storage, optimizing unstructured data handling for scalable applications.
* Leveraged PostgreSQL features like PostGIS and JSONB for advanced geospatial and structured data processing.
* Automated application deployments using Helm templates, Kubernetes, and Ansible for efficient cloud-native infrastructure management.
* Implemented Kafka Producer API to publish event streams, ensuring high-throughput, distributed messaging for microservices.

**Client: HMS, Irving, Tx March 2019 – July 2021**

**Software Developer**

**Responsibilities:**

* Developed responsive web interfaces using HTML5, CSS3, Bootstrap 4, ensuring cross-browser compatibility and enhanced user experience.
* Implemented Dependency Injection (DI) and managed the Spring Beans lifecycle, optimizing resource handling and application performance.
* Integrated Jenkins with Git, automating CI/CD pipelines to trigger builds on every push for seamless deployments.
* Designed responsive user interfaces with React and connected them to RESTful APIs for dynamic data rendering.
* Developed and maintained large-scale monolithic applications using Java and Spring.
* Utilized GitHub for version control, maintaining source code integrity and enabling collaborative software development.
* Configured Artifactory for managing Java libraries, enhancing dependency management across distributed development teams.
* Deployed Java applications using Artifactory, ensuring rollback capabilities and streamlined release pipeline management.
* Built reusable React components to optimize performance and minimize repetitive code across the application.
* Integrated JSF with backend services to create interactive UI elements.
* Developed applications with a strict TDD approach, minimizing bugs and enhancing maintainability.
* Worked with MySQL, PostgreSQL, and DynamoDB, optimizing queries for low-latency data retrieval and transaction processing.
* Connected JSP with backend databases for seamless data interactions.
* Implemented JIRA workflows, aligning with Agile methodologies for improved task tracking and issue resolution.
* Implemented connection pooling to enhance performance in database-heavy applications.
* Enhanced concurrency in Java applications using Java 8+ Parallel Streams and Lambda expressions.
* Built dynamic and reusable React.js components with Redux, improving frontend maintainability and state management.
* Used React Router to implement dynamic routing and enhance user experience in single-page applications.
* Worked closely with cross-functional teams to ensure smooth SDLC execution.
* Designed and managed Jenkins pipelines, automating builds, Docker image pushes, and Kubernetes deployments.
* Managed global state efficiently in large applications using React and Redux for consistent data flow.
* Deployed and scaled microservices using Kubernetes, Docker, Helm, and AWS CloudFormation for high availability.
* Created custom JSP tags to simplify complex UI elements.
* Integrated Spring Kafka for asynchronous messaging, ensuring efficient communication between microservices.
* Implemented Spring Boot microservices with Eureka, enhancing scalability, fault tolerance, and distributed service discovery.
* Developed CRUD operations with prepared statements to prevent SQL injection risks.
* Utilized Spring Security to enforce authentication and authorization, securing RESTful web applications.
* Optimized SQL queries and PostgreSQL partitioning, improving performance for large datasets in Java applications.
* Planned and executed migration strategies to transition from monolithic to microservices architecture.
* Developed and executed Component & Integration Test suites in Python, ensuring application reliability and correctness.
* Integrated React frontend with Spring Boot microservices via REST APIs to enable full-stack communication.
* Conducted code reviews and implemented best practices to improve software quality.
* Managed dependencies using Maven and Artifactory, streamlining Java project builds and version control.
* Built RESTful APIs and implemented Spring Data JPA with Hibernate 5.3, simplifying database interactions.
* Leveraged MongoDB for handling unstructured data, improving flexibility in data storage and retrieval.
* Optimized shell scripts for automation, scheduling, and process management across development and production environments.
* Improved UI responsiveness and load speed by optimizing rendering logic within React components.
* Applied the MVC pattern using JSP, Servlets, and JavaBeans for structured development.
* Utilized Facelets for reusable UI templates and improved maintainability.
* Configured Oracle 19c and MongoDB 4.4, enhancing database performance for Java applications.
* Deployed microservices on AWS (EC2, S3, RDS), ensuring scalability, security, and fault tolerance.
* Utilized Kafka for event-driven architecture, improving real-time communication between distributed services.

**Client: - Fuse machines, Ave, New York                                   July 2017 -Feb 2019**

**Software Developer  
Responsibilities:**

* Developed and maintained backend services using Java and Spring 3.x for processing financial transactions and customer data.
* Built interactive applications using HTML5, CSS3, JavaScript, jQuery, AJAX, JSON, ReactJS, Backbone.js, and Bootstrap.
* Implemented multithreading in Java to optimize backend processes, improving transaction speed and system efficiency.
* Collaborated with backend developers to define RESTful API contracts compatible with React front-end needs.
* Utilized PostgreSQL stored procedures and functions for efficient data manipulation within Java applications.
* Worked with PostgreSQL on cloud platforms like AWS RDS, Google Cloud SQL, and Azure Database for PostgreSQL.
* Ensured timely project delivery by following SDLC best practices.
* Boosted testability by writing unit tests for React components using Jest and React Testing Library.
* Optimized JSF-based applications for better performance and cross-browser compatibility.
* Implemented log analysis and error handling to enhance system reliability during job execution.
* Integrated Hibernate 3 for ORM, ensuring seamless data persistence and optimized database interactions.
* Developed interactive web applications with React , Ajax, ensuring real-time data updates and improved UI responsiveness.
* Migrated old UI codebases to React to enhance maintainability, performance, and user interaction.
* Applied custom validation controls in JavaScript and React JS for robust form validation in web applications.
* Debugged JavaScript issues using browser DevTools and logging for enhanced frontend performance.
* Developed and maintained CI/CD pipelines using GitHub Actions to automate testing, builds, and deployments.
* Built and deployed microservices using Docker containers for consistency across development, testing, and production.
* Orchestrated Kubernetes-managed Docker containers to enable scalable deployment of Spring Boot microservices.
* Implemented performance optimizations to handle high-traffic monolithic applications.
* Collaborated with teams to adopt TDD best practices for high-quality software development.
* Managed project dependencies using Maven, ensuring streamlined Java development workflows and version consistency.
* Created real-time data dashboards using React, Chart.js, and REST APIs for dynamic visualization.
* In-depth knowledge of all SDLC phases, from requirement gathering to deployment.
* Optimized database performance by tuning JDBC configurations and indexing strategies.
* Integrated JavaScript with Java-based backend services via RESTful APIs for enhanced interactivity.
* Optimized Java code to improve application performance and reduce latency in microservices architecture.
* Customized third-party React components to align with specific project requirements and design standards.
* Automated build, testing, and deployment using Jenkins and Maven for a continuous integration workflow.
* Implemented transaction management and connection pooling for PostgreSQL within Java-based applications.
* Integrated Apache Kafka with Spring Boot microservices for efficient message-driven architecture.
* Leveraged ES6+ JavaScript features like arrow functions, promises, and async/await for cleaner, efficient code.
* Used React Hooks to manage state and side effects efficiently within functional components.
* Developed automated tests using Selenium and SoapUI to ensure software quality before deployment.
* Ensured seamless database interactions within monolithic structures using JDBC and Hibernate.

**Education:**

**Bachelors in information technology May 2019   
University of Bedfordshire**

**Masters in Artificial Intelligence and Data Science Dec 2023**

**Eastern Kentucky University**