**Sr. Java Full Stack Developer**

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**PROFESSIONAL SUMMARY:**

* Professional with ten years of IT experience involving all phases of software development life cycle (SDLC), including planning, analysis, design, implementation, testing, and maintenance of multi-tier distributed, secure enterprise applications using Java/J2EE technologies.
* Experienced senior Java full-stack developer proficient in languages such as Java 1.8/11, SQL, PL/SQL, Shell Scripting, and Python.
* Proficient in Java EE technologies like Servlets, JSP, JNDI, JSTL, JSF, and Web Services (SOAP and REST). Strong understanding of RESTful and SOAP-based web services, including WSDL and related technologies.
* Experienced in developing microservices-based architectures and implementing messaging systems using JMS and Apache Kafka.
* Strong knowledge of popular Java frameworks such as Spring, Struts, and Hibernate for building scalable and maintainable applications.
* Skilled in working with XML technologies like XML, XSLT, XML Schema, DOM, SOAP, WSDL, JAXB, and XML-Bean.
* Extensive Experience with ORM frameworks like Hibernate/JPA, used Hibernate Query Language (HQL) to map Java classes with database tables.
* Implemented features and enhancements using Go lang to expand the technological stack and improve the performance and efficiency of the application.
* Utilized Go's standard library and ecosystem to streamline development workflows and deliver robust, maintainable code.
* Strong knowledge of web development technologies, including HTML5, CSS3, JavaScript, jQuery, Bootstrap, AngularJS, and various versions of Angular (2, 8, 9,13) and ReactJS with Redux and Flux.
* Skilled in working with TypeScript, ECMA Script, JSON, Ajax, and XML for efficient data handling and client-server communication.
* Experienced working with message brokers like Apache Kafka, Rabbit MQ, and Active MQ for reliable message queuing and distribution.
* Proficient in working with Oracle, MySQL, SQL Server, DB2, PostgreSQL, and NoSQL databases like MongoDB and Cassandra.
* Knowledge of scripting deployments to AWS and monitoring infrastructure like App Dynamics New Relic.
* Extensive hands-on Experience in working with AWS services like Elastic Block Storage (EBS), S3, Elastic Load Balancers (ELB), Elastic Compute Cloud (EC2), VPC, EMR, ELK, RDS, Route 53, Glacier, Elastic Beanstalk, CloudWatch, CloudTrail, Identity and Access Management (IAM), CloudFormation.
* Experience working with Pivotal Cloud Foundry (PCF) to host Cloud-based Applications.
* Sound knowledge of Acceptance TDD (Test Driven Development) and Developer TDD (Test Driven Development) using Junit Log4J and collaborated in developing testing plans for Unit, System, performance, and acceptance tests.
* Skilled in writing unit tests using JUnit and TestNG and tools like Jira, Postman, Protractor, Jasmine, Karma, and Mockito for testing and quality assurance.
* Proficient in version control systems such as SVN, GIT, and CVS for efficient code management and collaboration.
* Skilled in building automation and dependency management tools like Maven, Gradle, ANT, Jenkins, Docker, and Kubernetes and experienced in CI/CD tools like Jenkins, Docker, and Kubernetes.
* Good understanding of SDLC methodologies like Waterfall, Agile, and Scrum.
* Experience in troubleshooting skills on various OS platforms like Windows, Linux, and Unix.
* Familiarity with integrated development environments (IDEs) like Eclipse and NetBeans for efficient development and debugging.

**TECHNICAL SKILLS:**

* Programming Languages: C, C++, Java 1.8/11, SQL, PL/SQL, Shell Scripting, Python
* UI Technologies: HTML5, CSS3, JavaScript, jQuery, Bootstrap, AngularJS, Angular 2,8,9,10,13, React JS, Redux, Flux, TypeScript, ECMA Script, JSON, Ajax, XML
* J2EE Technologies: Servlet, JSP, JNDI, JSTL, JSF, Web Services, JPA, Microservices, JMS, Kafka.
* Frameworks: Spring Core, Spring MVC, Spring AOP, Spring Security, Spring Web Flux, Struts, Hibernate, Log4J, Spring Batch, Spring Data JPA
* Design Patterns: Template Method, Command Pattern, Facade, Singleton, Factory Method
* XML Technologies: XML, XSLT, XML Schema, DOM, SOAP, WSDL, JAXB, XML-Beans, AJAX, JSON.
* Messaging Services: JMS, Apache Kafka, Rabbit MQ, Active MQ
* Web Services: REST, SOAP, WSDL
* Operating Systems: Windows, UNIX, Linux, Mac OS
* Database: Oracle, MySQL, SQL Server, DB2, PostgreSQL, NoSQL: MongoDB, Cassandra
* Testing Tools: JUnit, TestNG, Jira, Postman, Protractor, Jasmine, Karma, Mockito
* Cloud Technologies: AWS (EC2, S3, VPC, Route53, EMR, Cloud Watch, Autoscaling), Azure, PCF
* Version Control Tools: SVN, GIT, CVS, Git Lab
* Build Tools: Maven, Gradle, ANT, Jenkins, Docker, Kubernetes, GitHub Actions, Bamboo
* IDE: Eclipse, Net Beans, STS, Visual Studio Code

**PROFESSIONAL EXPERIENCE:**

**Client:** **Western Union, NJ Oct 2023 – Till Date**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* Involved in designing front-end screens using TypeScript, ReactJS, Bootstrap, HTML5, CSS3, JavaScript, jQuery, Ajax, JSON, and DHTML.
* Created reusable and testable React JS functional and class components using ES6.
* Developed front-end screens utilizing TypeScript, ReactJS, and Bootstrap, ensuring seamless user interaction and intuitive design. Leveraged TypeScript to enhance code maintainability and facilitate robust development practices.
* Developed dynamic and responsive web applications using React.js, enhancing user experience and interface performance.
* Created reusable and testable React components using functional and class-based approaches.
* Leveraged React hooks (useState, useEffect, useContext) to manage state and lifecycle within functional components.
* Implemented Redux for state management, ensuring predictable state transitions and facilitating easy debugging.
* Ensured cross-browser compatibility and responsiveness using modern CSS frameworks like Bootstrap and Material-UI.
* Applied best practices for performance optimization, including code splitting, lazy loading, and memorization.
* Utilized React Router for client-side routing, enabling smooth navigation and deep linking.
* Integrated with RESTful APIs using Axios and Fetch for efficient data fetching and updating.
* Created Spring Boot and Spring Cloud-based scalable microservices solutions.
* Verified DDD compliance and autonomous deployment of microservices.
* Used Spring Cloud Config to consolidate configuration.
* Developed RESTful APIs to ensure efficient communication between microservices.
* Integrated with third-party services using REST and SOAP APIs.
* Containerized microservices using Docker, enabling consistent development, testing, and production environments.
* Deployed and managed microservices using Kubernetes for orchestration, scaling, and management.
* Orchestrated containerized microservices using Kubernetes, improving deployment efficiency and infrastructure utilization.
* Implemented Kubernetes Operators and custom controllers to automate application deployment, configuration, and lifecycle management.
* Implemented OAuth2 and JWT to secure microservices endpoints.
* Used ELK stack (Elasticsearch, Logstash, Kibana) for centralized logging and analysis.
* Designed and optimized database schemas for microservices.
* Proficient in Java 1.8/11 and the Spring Framework, utilizing Spring Boot, Spring MVC, and Spring DAO to develop scalable and efficient applications.
* Extensively implement Java Collection, Stream API, Functional programming, Multithreading, Optional classes, and Date Time API.
* Strong knowledge of Hibernate for efficient object-relational mapping and database access.
* Implemented RESTful APIs using Spring Boot and Swagger, promoting efficient communication between client and server applications.
* Expertise in designing, deploying, and managing scalable and secure applications on AWS, utilizing services such as EC2, S3, RDS, Lambda, and API Gateway.
* Created Secure zones for office branches in AWS Cloud using internet gateways, network ACLs route table, and security groups.
* Automated build development and configuration management to reduce 78% of customer onboarding time.
* Created an Automated monitoring system using CloudWatch that boosted uptime from 60% to 80%.
* Designed and deployed scalable and secure applications on AWS, utilizing services such as EC2.
* Good experience with AWS (EBS), different volume types, and using various EBS volumes based on requirements.
* Constructed AWS S3 lifecycle of Applications & Database logs, including deleting old and archiving logs.
* Implement and enforce security practices within IAM applications to safeguard sensitive data and ensure compliance with regulatory requirements.
* Automated infrastructure provisioning using AWS CloudFormation and Terraform, ensuring consistent and repeatable deployments.
* Developed CI/CD pipelines using AWS Code Pipeline, Jenkins, and Git, streamlining the deployment process and improving code quality.
* Designed, implemented, and maintained Jenkins CI/CD pipelines for automated builds, tests, and deployments across multiple projects.
* Developed Jenkins pipeline scripts (declarative and scripted) to orchestrate build, test, and deployment workflows, ensuring reliability and repeatability.
* Configured Jenkins jobs for automated unit testing, integration testing, and code quality analysis using JUnit, SonarQube, and Selenium tools.
* Conducted security assessments and implemented security controls, including VPC security groups, network ACLs, and encryption for data at rest and in transit.
* Developed a serverless microservices platform using AWS Lambda, API Gateway, DynamoDB, and S3, enabling rapid development and deployment of new features.
* Utilized AWS CloudFormation to define and provision infrastructure as code, ensuring consistent environments across development, staging, and production.
* Utilized Terraform to define, provision, and manage cloud infrastructure across multiple environments, ensuring consistency and repeatability.
* Developed and maintained Terraform scripts for infrastructure deployment, reducing manual intervention and increasing deployment speed.
* Conducted code reviews and mentored junior team members on Terraform best practices and infrastructure automation techniques.
* Led the automation of cloud infrastructure provisioning for a large-scale application using Terraform, reducing deployment time from hours to minutes.
* Practiced Agile methodologies for collaborative and iterative development, ensuring timely delivery of high-quality software.
* Proficient in unit testing with JUnit and behavior-driven development using Cucumber, ensuring reliable and robust code.
* Conducted API testing using Postman, ensuring the functionality and correctness of API endpoints.
* Proficient in writing unit tests using Jasmine and performing Karma integration testing.
* Utilized Log4j for effectively logging and monitoring applications, aiding in troubleshooting and debugging.
* Experienced in utilizing Kafka for building scalable and real-time data streaming and processing applications, enabling efficient handling of high-volume data and facilitating seamless communication between distributed systems.
* Utilized Maven for project management, dependency resolution, and build automation.
* Proficient in using Git for version control, collaborating with teams, and managing code repositories.
* Implemented continuous integration and deployment using Jenkins, automating build, testing, and deployment processes.
* Experienced in working with PostgreSQL and MongoDB for efficient data storage and retrieval, including NoSQL database management.

**Environment:** Java 1.8/11, Spring Boot, Spring MVC, Spring DAO, Microservices, Hibernate, AWS, PCF, HTML5, CSS3, Ajax, jQuery, Bootstrap, React JS, XML, Agile, Restful, Typescript, Swagger UI, Kafka, Log4j, Junit, Cucumber, SonarQube, Jenkins, Spring Framework, Tomcat, Maven, PostgreSQL, MongoDB, Git, JIRA, Postman, Jasmine, Karma

**Client: Komatsu, WI April 2023 to Sept 2023**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* Designed and developed GUI screens for user interfaces using JSP, JavaScript, XSLT, AJAX, XML, HTML5, CSS3, Bootstrap, React JS, jQuery, and DHTML. Developed web page using Angular, React.JS, Redux, and Node JS.
* Strong understanding of HTML, CSS, and JavaScript for developing interactive and user-friendly web interfaces.
* Created reusable and testable React.js functional and class components using ES6, enhancing code maintainability and facilitating robust development practices.
* Implemented state management using Redux and Context API to manage application state efficiently and ensure consistent data flow.
* Utilized React Hooks to simplify state management and side effects in functional components, improving code readability and maintainability.
* Developed responsive web applications focusing on cross-browser compatibility and performance optimization.
* Proficient in Angular 13 for building dynamic and interactive web applications with rich client-side
* functionality.
* Developed single-page applications using AngularJS and components directives using Typescript.
* Strong understanding of AJAX for asynchronous communication between the client and server.
* Proficient in Java 1.8, utilizing its latest features for efficient and modern application development.
* Strong knowledge of Spring Boot and Spring MVC frameworks for building robust and scalable web applications.
* Extensive experience with Microservices architecture, enabling the development of independent and highly scalable components.
* Led the successful migration of a complex enterprise application to the Azure cloud platform, leveraging Azure services such as Virtual Machines, Azure App Service, and Azure SQL Database to optimize performance, enhance scalability, and reduce infrastructure costs.
* Created reusable Terraform modules to standardize infrastructure components, promoting reusability and reducing code duplication.
* Managed Kubernetes networking to optimize application performance and security, including service discovery, load balancing, and network policies.
* Integrated Kubernetes with CI/CD pipelines (Jenkins, GitLab CI/CD) for automated build, test, and deployment processes.
* Conducted Kubernetes security assessments and implemented best practices for securing Kubernetes clusters, including RBAC, network segmentation, and pod security policies.
* Implemented infrastructure monitoring and alerting solutions to ensure high availability and quick issue resolution.
* Achieved significant cost savings by optimizing resource utilization and implementing automated shutdown/startup policies for non-production environments.
* Ensured compliance with industry standards and best practices by incorporating security and compliance checks into Terraform workflows.
* Experienced in working with Kafka to build scalable and real-time data streaming and processing applications.
* Proficient in XML for data integration and transformation in enterprise applications.
* Gained experience working with SOAP and RESTful web services for efficient communication and system integration. I also possess a strong knowledge of Oracle DB for efficient relational database management.
* Experienced in unit testing with JUnit, ensuring reliable and robust code quality. Additionally, I was proficient in build automation and dependency management using Gradle.
* Skilled in version control using Git, ensuring effective collaboration and code management. Furthermore, I had experience implementing continuous integration and deployment pipelines using Jenkins, automating the build, testing, and deployment processes.
* Utilized Log4J for effectively logging and monitoring applications, aiding debugging and troubleshooting.
* Practiced Agile methodologies for iterative and collaborative development, ensuring timely delivery of high-quality software.

**Environment**: Java 1.8, Spring Boot, Spring MVC, Microservices, AWS, Kafka, XML, HTML, Angular JS, Hibernate, JavaScript, CSS, AJAX, JQuery, SOAP, RESTful, WebLogic, Oracle DB, Junit, Gradle, Git, Jenkins, Log4J, Agile.

**Client: Bhanix Investment and Finance Limited (CASHe), India March 2022 to Nov 2022**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

Role: Senior Java Full Stack Developer

Responsibilities:

* Created and implemented Microservices using Spring Boot.
* Developed several different UI screens and single-page applications (SPAs) using a combination of React and JSX.
* Used Postman with JSON to test the request and response of the application. I also used Postman to test the latency of various APIs and the response body.
* Utilized Kafka and worked with the admin team to set up Kafka clusters in different environments. Monitored Kafka clusters using Splunk and New Relic.
* Worked on an internal tool, Authenticator, that acts as an API Gateway and provides a user interface for different consumers to protect their APIs.
* Automated different procedures for Authenticator, improving efficiency by 10%.
* Deployed several different enhancements and functionalities within the application, interacting with businesses and stakeholders to meet their needs.
* Deployed the application in AWS EC2 instances and performed continuous integration using Jenkins. Created EC2 instances and S3 buckets for the AWS environment.
* Worked with the DevOps team to ensure continuous delivery and deployment of the services within the application.
* Worked with the Database team to create, read, update, and delete (CRUD) data present in the application. The database used was PostgreSQL.
* Implemented a cache system that used VMWare Gem fire to cache local and dynamic data related to users.
* Performed migration of our application's cache from Gem fire to use Redis, reducing latency by 20% and improving performance by 10%.
* Deployed Redis clusters on OpenShift and worked on designing communication patterns between the different clusters.
* Created Helm charts to automate the creation of Redis databases across different OpenShift clusters.
* Developing the application for incident creation and retrieving the events using restful web services with Spring Boot.
* Extensively used Maven to build the application and deploy it on Embedded Tomcat Server
* Involved in creating and deploying REST API and Micro Services in Java J2EE using Spring Boot.
* Extensively used IntelliJ IDE for developing, debugging, integrating, and deploying the application.

Environment: Java 1.8, jQuery, JSON, Spring Boot, Spring IOC, Spring MVC, Spring AOP, Spring Batch, Spring ORM, Spring-Data, Angular, Microservices, AWS, RESTful Web Services, JMS, Agile, Maven, GIT, Oracle, SQL, Apache Embedded Tomcat, Log4j, JIRA, PostgreSQL.

**Client: Erwin by Quest, Melville, NY (Hyderabad, India) Feb 2019 to Feb 2022**

**Role: Dev Software Engineer**

**Responsibilities:**

* Developed Spring Boot application, including producing and consuming REST Services as part of user and Microservices.
* Used Angular 8 to create Single and multiple Page Applications to bind data to specific views and synchronize with the server.
* Developed responsive UI web pages using Angular 6 & 8, TypeScript, and Node JS and worked with angular filters in expressions and directives to filter data in the UI.
* Extensive experience in Java 1.8 and the Spring Framework, including Spring Boot, Spring MVC, and Spring Data, for developing robust and scalable applications.
* Proficient in AWS (Amazon Web Services) and PCF (Pivotal Cloud Foundry), leveraging cloud platforms for deploying and managing applications.
* Develop and document RESTful APIs using Swagger, ensuring efficient communication between IAM components and other applications.
* Strong knowledge of Microservices architecture, utilizing Spring Boot and Spring Cloud to build scalable and distributed systems.
* Experienced in event-driven architectures using Kafka for efficient and real-time data streaming.
* Skilled in front-end development with HTML5, CSS3, JavaScript, Ajax, and JSON, creating visually appealing and interactive user interfaces.
* Proficient in JavaScript frameworks, such as React JS, Redux, and Flux, for building dynamic and responsive web applications.
* Experienced in mobile app development using React Native, delivering cross-platform applications with native-like performance.
* Familiarity with XML for data integration and transformation in enterprise applications.
* Developed RESTful APIs and documented them using Swagger, ensuring efficient communication and system interoperability.
* Utilized Log4j for effectively logging and monitoring applications, aiding debugging and troubleshooting.
* Strong knowledge of unit testing with JUnit, ensuring reliable and robust code quality.
* Experienced working with NoSQL databases like MongoDB for efficient data storage and retrieval.
* Utilized Maven for project management, dependency resolution, and build automation.
* Proficient in working with relational databases such as SQL Server and MySQL for data management.
* Implemented continuous integration and deployment using Jenkins, automating build, testing, and deployment processes.
* Conducted unit testing using Jasmine and performed integration testing using Karma.

**Environment:** Java 1.8, AWS, PCF, Spring Framework, Spring Boot, Spring MVC, Microservices, Kafka, HTML5, CSS3, JavaScript, Ajax, JSON, jQuery, React JS, Redux, React Native, Flux, XML, Rest, Swagger, Agile, Linux, Log4j, Junit, MongoDB (NoSQL), Maven, SQL Server, MySQL, Jenkins, Git, Jenkins, Jasmine, Karma, JIRA.

**Client: Java R&D Pvt. Ltd., India May 2016 to Jan 2019**

**Role: Java Developer**

**Responsibilities:**

* Designed and developed the application using Agile Scrum methodology, breaking the project into several sprints.
* Involved in various phases of the Software Development Life Cycle (SDLC) of the application Requirement gathering, Design, Analysis, Code development, and estimating the timeline for the stories and project.
* Strong knowledge of the Spring framework, including Spring Boot, for building enterprise-grade applications.
* Employed Go's simplicity and efficiency to build microservices and RESTful APIs, enhancing the architecture's flexibility and facilitating easier maintenance and scaling.
* Integrated Go lang with existing Java components seamlessly, ensuring smooth interoperability and compatibility within the application ecosystem.
* Experienced in developing and deploying Microservices architecture, enabling scalability and flexibility.
* Skilled in utilizing Azure and PCF (Pivotal Cloud Foundry) for cloud infrastructure and deployment.
* Familiarity with containerization technologies like Docker and Kubernetes for efficient application deployment and management.
* Proficient in Jenkins for continuous integration and delivery, automating build, test, and deployment processes.
* Strong understanding of JPA Hibernate for object-relational mapping and database persistence.
* Experienced in designing and developing REST APIs for efficient communication between systems.
* Skilled in deploying applications on Tomcat, a widely used Java servlet container.
* Proficient in front-end development using HTML5, CSS3, and Bootstrap for creating visually appealing and responsive user interfaces.
* Experienced in developing single-page applications (SPAs) using the Angular framework.
* Proficient in ensuring compliance with accessibility standards in web applications.
* Skilled in build automation and dependency management using Maven.
* Experienced in version control using Git for effective collaboration and code management.
* Familiarity with Jira for issue tracking and project management.

**Environment**: Java, Golang, Spring, Spring Boot, Microservices, Azure, PCF, Docker, Kubernetes, Jenkins, JPA Hibernate, REST APIs, Tomcat, HTML5, CSS3, Typescript, Bootstrap, Angular, JSON, Jenkins, Agile scrum, Accessibility, Maven, GIT, Jira

**Client: K Tree, Hyderabad July 2014 to Apr 2016**

**Role: Junior Software Engineer**

**Responsibilities:**

* Involved in client requirement gathering, analysis & application design.
* Involved in design implementation using vital phases of the Software development life cycle (SDLC) that includes Development, Testing, Implementation, and Maintenance Support in WATERFALL methodology.
* Understanding and analyzing the basic requirements.
* By using Servlets and JSP-implemented server-side programs
* Involved in the design, development, and validation of User Interface by using HTML, JavaScript, XML, and CSS
* Performed the database access tasks using JDBC and other related information from auto-generated files
* Used JDBC to prepare statements to call from Servlets for database access.
* Developed Servlets, Session, and Entity Beans handling business logic and data
* Involved in the design and documentation of the stored procedures
* Developed Action Forms, Action Classes, and helper classes using Struts.
* Deployed Enterprise application using WebLogic Application Server
* Used UML to develop Use Case Diagrams, class diagrams, and sequence diagrams
* Involved in writing Junit test Cases
* Used Log4J for any errors in the application

**Environment**: Java 1.7, J2EE, HTML, XHTML, XML, XSLT, UML, JavaScript, CSS, JSP, JDBC, servlets, Struts, SQL, Oracle, MVC, Hibernate, WebLogic, Junit, Log4J.