**ABHILASH**

**Java Developer**

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**PROFESSIONAL SUMMARY**

Results-driven Java Developer with 6+ years of experience in leading, designing, developing, and implementing enterprise web applications using Java, Spring Boot, and Microservices. Proficient in back-end technologies, with a strong passion for creating seamless web applications. Adept at leading teams and collaborating with cross-functional teams to deliver high-quality, user-centric solutions. Skilled in problem-solving, code reviews, and leveraging innovative approaches to exceed client expectations.

* Over 6+ years of experience in leading, designing, developing, and implementing enterprise web applications using Java, Spring Boot, and Microservices following **Agile/SCRUM** methodology.
* Expertise in development, unit, functional, and integration testing of web applications using Angular, **Spring Boot**, Microservices, JDBC, JPA, Hibernate, **RESTful Web Services**, JSP, Servlets, HTML, XML, PL/SQL, MongoDB, Oracle, JUnit, Mockito, Git, Maven, and Jenkins CI/CD.
* Strong knowledge of Spring MVC and Spring Boot for developing robust backend applications and setting up Tomcat 8.0 for deployment.
* Expertise includes Angular, Spring Boot, **Microservices**, JDBC, JPA, Hibernate, RESTful Web Services, and more.
* Proficient in creating and consuming RESTful web services and SOAP APIs, working with XML and JSON formats. Strong programming skills in C, Java, SQL, Oracle, PL/SQL, and MongoDB.
* Configuring on Micro Services design patterns such as **API Gateway**, Spring Cloud **Config Server**, and Circuit Design Pattern with Resilience 4j, Naming and Registry service using **Eureka Server**.
* Involving in Support Automation project, worked on couple of user stories where I have been involved in implementing RESTFUL webservices with global **exception handling** and **custom validation**.
* Skilled in implementing security measures using Spring Security 5.x and 6.x, including OAuth2.0, OpenID, and **JWT**.
* Working on **Lambda** function creations using Spring Boot and spring cloud technologies.
* Development on Synchronous calls using RESTFUL, implemented custom validations, exception handling and circuit breaker using **Reslience4j**.
* Experienced in working with Amazon Web Services (AWS), including **IAM, S3, EC2, SNS, & SQS**.
* Familiar with **Amazon Web Services (AWS), CI/CD** pipelines using Docker and Jenkins, and version control with **Git & GitHub.**
* Experienced in designing and implementing Microservices architecture with **RabbitMQ and Kafka** for event-driven communication. Proficient in implementing architectural patterns such as **CQRS**, **Saga** Choreography, Saga Orchestration, and Event Sourcing.
* Deployed and managed containerized applications on **Kubernetes** clusters, ensuring scalability and reliability.
* Defined and maintained **Kubernetes** resources like Pods, Services, Deployments, and ConfigMaps for efficient application **orchestration**.
* Proficient in integrating various data sources into **Splunk**, enhancing log analysis capabilities.
* Been a part of iterative development using **Agile** methodology and tools such as **JIRA**, from sprint planning to design, development, testing, and deployment.
* Actively participated in daily **stand-up meetings** following the agile process, reporting day-to-day developments and progress.
* Detail-oriented problem solver with a track record of driving innovation and exceeding client expectations.

**TECHNICAL SKILLS**

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| --- | --- |
| Software/Tools | Eclipse, Tomcat 8.0, Restful web Services, SOAP, XML, JSON, SQL Developer, |
| Framework | Spring MVC, **Spring Boot**, JDBC, Hibernate, JPA. |
| Backend | C, **Java**, SQL, Oracle, PL/SQL, MongoDB |
| Frontend | HTML, CSS, JavaScript, ES6+, and Angular. |
| Cloud | **AWS**, S3, IAM, API Gateway, Lambda Functions, Step Functions, EC2, SQS, SNS, CI/CD pipeline, Docker, **Kubernetes,** Jenkins, CVS, Git, GitHub |
| Other | **Microservices**, RabbitMQ, **Kafka**, Splunk, Agile Methodology, JIRA |
| Testing | Postman, SoapUI, Swagger, JUnit5, Mockito, Jasmine, Karma. |
| Security | Spring Security 5.x, 6.x, OAuth2.0, OpenID, JWT. |

**PROFESSIONAL EXPERIENCE**

**SPS Commerce, MN***,**Sep 2021 – Present*

**Senior *Java Developer***

**Description:**

This Project is all about providing highly scalable, fault tolerant, Restful Services. All the Advisor and Client facing applications in Ameriprise use these Restful Services to get Advisor, Client, and Account related data. As part of this Project, an umbrella of Restful services is built so that all the Advisor and Client facing applications can consume these services for their data needs. AWM services sources the data for various System of Record systems for various kinds of Advisor, Client, and Group related information.

**Responsibilities**:

* Maintained a consistent 95% code quality rating through comprehensive code reviews, adherence to coding standards, issue identification, and providing constructive feedback to peers.
* Spearheaded the development of **Microservices** using Spring Boot, resulting in a substantial 40% reduction in service response time.
* Collaborated effectively with DevOps teams, automating processes, and implementing **CI/CD** practices, leading to a commendable 50% reduction in deployment time.
* Provided valuable technical guidance and mentorship to junior developers, fostering their skill development and contributing to a knowledgeable and capable team.
* Implemented rigorous quality assurance processes, resulting in a substantial 20% improvement in test coverage and a 30% increase in defect detection. This proactive approach significantly reduced post-release issues and enhanced customer satisfaction.
* Successfully established a Continuous Delivery pipeline using **Docker**, **Jenkins**, **GitHub**, and **AWS**, reducing time-to-market by 25% and increasing deployment frequency by 20%.
* Leveraged JUnit, Mockito, SoapUI, **Postman**, and **REST Client** for thorough testing. Achieved a 20% improvement in test coverage and a 15% reduction in API failure rate, ensuring the reliability and functionality of APIs.
* Developed and maintained applications leveraging Microservices architecture, Docker, J2EE, Spring **Framework, Spring MVC, Spring Integrations,** and **Spring Data**. Improved scalability and maintainability of applications, resulting in a 30% reduction in system downtime and a 20% increase in application stability.
* Integrated **Spring ORM** with Hibernate and **JPA** to leverage the power of Spring Framework. Improved database interactions and streamlined data access, resulting in a 25% reduction in database query execution time and a 20% increase in overall application performance.
* Managed customer communication and channel preferences effectively using **Spring** and **Hibernate**. Integrated Hibernate persistence framework with an Oracle database, resulting in a 25% reduction in database query response time.
* Created and maintained **Splunk** dashboards and alerts for real-time log monitoring, reducing incident response time by 30%.
* Generated reports and visualizations in **Splunk**, extracting valuable insights from log data with a 95% success rate.
* Led the transformation of monolithic applications into a modern **microservices** architecture using Spring Boot. Adhering to the 12-factor app methodology, this initiative improved scalability and maintainability.

**Magnaquest***, Hyderabad, India* *Jul 2019 – Sep 2021*

**Senior *Java Developer***

**Description**:

In a CRM project, I designed and developed an Adapter Design Pattern solution to facilitate communication between the CRM system and service providers. The goal was to provide various services to customers based on their requirements, such as service plan activation, renewal, top-up, and deactivation. Additionally, the system allowed users to create, delete, and update customer details. The Adapter Design Pattern acted as a bridge, ensuring seamless integration between the CRM system and service providers. This enabled clients to easily perform service plan operations and manage customer-related tasks through the CRM interface.

**Responsibilities**:

* Streamlined project workflows, enhancing efficiency by facilitating communication among development, QA, design, and product management teams.
* Minimized delays and ensured smooth development by proactively identifying and resolving bottlenecks.
* Achieved a 25% reduction in build time while generating reports with 20% more coverage by continuously improving development processes using **Maven**.
* Achieved a 40% reduction in service response time and a 30% improvement in scalability by developing optimized Microservices with Spring Boot.
* Configured Splunk for **centralized log** management, enabling real-time log analysis and monitoring with 98% accuracy.
* Effectively managed data inputs, forwarders, and indexers in **Splunk** to streamline log data collection, resulting in 99% data accuracy.
* Actively participated in agile methodologies, including managing Jira boards, updating design documentation, and contributing to data model design.
* Successfully deployed **Lambda** functions in **AWS**, configuring user roles, setting up API Gateway, and achieving efficient serverless architecture for **functional Lambda deployments**.
* Architected a scalable and efficient microservices architecture to replace the BPEL workflow engine, ensuring the processing of large documents and enabling rapid feature development.
* Played a pivotal role in monitoring task progress, ensuring timely completion, and making necessary adjustments, resulting in on-time task delivery.
* Led the development of reusable frameworks, optimizing efficiency across multiple teams and increasing overall productivity.
* Collaborated in design discussions to shape the microservices architecture, contributing valuable insights that improved efficiency by 20%.

**KIOT COMMUNICATION LLP***, Hyderabad, India* *Dec 2017 – Jul 2019*

***Java Developer***

***Description:***

* In a CRM project, I designed and developed an Adapter Design Pattern solution to facilitate communication between the CRM system and service providers. The goal was to provide various services to customers based on their requirements, such as service plan activation, renewal, top-up, and deactivation. Additionally, the system allowed users to create, delete, and update customer details. The Adapter Design Pattern acted as a bridge, ensuring seamless integration between the CRM system and service providers. This enabled clients to easily perform service plan operations and manage customer-related tasks through the CRM interface.

***Responsibilities:***

* Effectively achieved a 20% performance improvement by leveraging Spring Boot for cloud Microservices, reducing deployment time by 20%.
* Proficiently implemented robust security measures, ensuring data integrity and protection against vulnerabilities. Efficiently utilized AWS services, including **EC2, S3, RDS, Lambda,** andDynamoDB for application management.
* Demonstrated expertise in Microservices development, resulting in a 40% scalability improvement.
* Utilized **Spring Boot** to expedite application development, ensuring robust and scalable solutions.
* Integrated **AWS SNS** with other services for real-time alerts and event broadcasting, enhancing system reliability.
* Collaborated with DevOps teams to automate processes and implement **CI/CD practices**, reducing deployment time by 50%.
* Integrated Spring ORM with Hibernate and JPA, reducing database query execution time by 25% and boosting application performance by 20%.
* Managed customer communication and preferences using spring and Hibernate, resulting in a 25% reduction in database query response time.
* Developed and maintained applications leveraging **Microservices architecture**, Docker, J2EE, Spring Framework, Spring MVC, Spring Integrations, and Spring Data, resulting in a 30% reduction in system downtime and a 20% increase in application stability.
* Built applications using Spring Boot and **Spring Cloud technologies**, ensuring robust and scalable solutions.
* Continuously evaluated and recommended new tools and technologies, aligning development with industry best practices and boosting overall productivity by 30%.
* Maintained a high code quality rating of 95% through comprehensive code reviews, adherence to standards, and constructive feedback to peers.
* Implemented rigorous quality assurance processes, resulting in a substantial 20% improvement in test coverage and a 30% increase in defect detection. This proactive approach significantly reduced post-release issues and enhanced customer satisfaction.
* Regularly reported project status, risks, and achievements to upper management, maintaining transparency and accountability.
* Actively participated in Agile methodologies, including managing Jira boards, updating design documentation, and contributing to data model design.
* Developed JUnit test cases and tested APIs with SoapUI, Postman, and REST Client.