

JORDAN LEONG

US CITIZEN

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SUMMARY

- Oracle Certified Professional in Java SE 8 for Core Java, Java 8 and other common Design Principles
- 5 Years of experience with Java-based backend technologies
- Proficient with Spring Framework features such as Spring boot, Spring Context, Spring MVC, Spring AOP, Spring JDBC, Spring Data JPA, Spring JSTL, and Spring Security
- Experience with MEAN / MERN stack using as HTML, CSS, Bootstrap, Angular.js, JQuery, and Ajax.
- Experience with big data analysis using Pig Script and Jupyter Notebooks

Language: Java 8, JavaScript, C++, C#, CSS, HTML, XML, SQL, PL/SQL, Python, MATLAB

Frameworks: Spring, Spring Boot, Angular.js

Web Services: Splunk, Kibana, REST, SOAP, AWS (EC2 instances, Virtual Private Cloud)

Tools: Maven, Git, Node.js, TestNG, JUnit, JMeter, Postman, Jupyter Notebook, Jenkins, Atlassian Cloud

Databases/ORM: Oracle 11g, MySQL, MongoDB, Hibernate, Mongoose

EXPERIENCE

Software Engineer / Java Backend

San Jose, CA

PayPal / Altimetrik

April 2021- October 2024

Compliance Partners Team

Designed and developed a multi-phase project aimed at replacing the existing system for Compliance. This project reduced overall latency by 40% and decreased incoming and outgoing requests by 80%.

Technology: Java 8, Spring, JUnit, TestNG, Postman, Maven, Github, Jupyter Notebook, Atlassian Cloud, Confluence, JIRA, Splunk, Kibana, Kafka, Jenkins, IBM ODM Decision Engine

- Collaborated with an architect to design and develop a caching API for post-transaction processing, reducing dependency and load on upstream services.
- Worked with upstream and downstream teams to streamline AML and tax compliance policies, reducing system complexity from three layers to one and improving micro service efficiency.
- Author and maintain technical documentation of the implementation of Anti-Money Laundering policies to facilitate knowledge exchanges regarding code, architecture, and downstream processes.
- Utilized Atlassian Cloud for streamlining deployment and build management for efficient collaboration between different teams ensuring the new system matches the old system's behavior.
- Developed a Kafka consumer component that cached specific data, eliminating the reliance on upstream services to transmit outgoing data to the Compliance layer. Thus enhancing data management and improved overall system efficiency.
- Performed regression and performance testing using JMeter, TestNG, and SQL configured test accounts to identify and resolve software / network vulnerabilities before live deployment.
- Leveraged data-driven automation techniques using Jupyter Notebooks and Pig scripts to identify compliance discrepancies, helping improve anomaly detection and support predictive risk assessments.
- Developed Pig scripts to generate Excel reports analyzing shadow requests in Jupyter Notebooks, identifying discrepancies and reducing data inconsistencies by 20% before live deployment.
- Built monitoring dashboards and automated alerts in Splunk and Kibana to track live vs. shadow traffic, ensuring response discrepancies were eliminated.
- Restructured Compliance taxonomy, cutting required entries by 60% to enhance organization and accuracy.
- Assisted in migrating compliance services from Java 8 to Java 17, improving application performance, memory efficiency, and security while ensuring backward compatibility with existing workflows.

Risk Marketplaces Team

Worked on multiple risk related projects to reduce losses on transactions relating to fraud rates in Brazil, withdrawals, and disputed transactions worldwide.

- Collaborated with product owners and leads to translate business requirements into user stories to ensure project goals and deadlines are met.
- Primary developer of Brazil Risk Project by implementing tools, delivery, and release of IBM RuleApps which reduced high rates of fraud from Brazil.
- Contributed to the deployment of a Kafka-based subscriber component to monitor and reroute scripted attacks on PayPal, enhancing the platform's availability and reliability.
- Leveraged SQL and data analysis tools (e.g., Kibana) to identify and resolve system performance issues, improving component availability by 20%.
- Designed and developed Marketplaces risk white listing as a fast-exit strategy to improve the latency of PayPal's external API with external marketplaces that didn't require PayPal's risk by 20% check such as HyperWallet, Google, and Disney.
- Updated flexible cache data loading API to improve transaction performance with smaller business e-commerce sites integrated with Paypal by 10%.
- Utilized SQL for database management which included account configuration testing and real-time query execution to resolve any production data inconsistencies

Java Full Stack Developer**Fremont, CA****Synergistic IT****June 2018 – June 2019****Banking Application / E-Commerce Shopping Cart**

Design and development of a banking application and shopping cart application used for the client's store.

Technology: Java, Angular.js, Node.js, MongoDB, Spring, Hibernate, JSP, JSTL, HTML5, Bootstrap, Oracle 11g, JPA, REST, Mongoose

- Added functionality using Spring MVC with Controller, Repository, and Service layer design pattern with REST services as well as testing endpoints using Postman.
- Created front-end and back-end user validations using Spring security allowing for user privacy. Additionally, applied BCrypt password hashing encryption.
- Implemented social networking login services e.g., Google, Facebook, or Twitter by passing tokens of user information as well as sessions based on custom authentication requirements.
- Optimized performance by creating additional system modules facilitating Admin native data analysis, visualization dashboards, and corresponding header UI. Additionally, enhanced admin UI and functionality to block/delete unauthenticated users from the website.
- Applied granted authority via roles and Spring tag library to map specific views to users. Allowing for administrators and users to have different functionality when viewing the site.
- Created Java mail service to verify users' authentication requirements.
- Generated PDF and Excel files by fetching various SQL data sources for analysis of user statistics.

CERTIFICATIONS & EDUCATION

Oracle Certified Associates Java SE 8 Programmer , January 2019

Oracle Certified Professional Java SE 8 Programmer, April 2019

San Francisco State University - B.S., Computer Science, 2018