

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, React.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

- Worked with an architect to develop a new API for handling caching used for post transaction processing information. Removed the need of tightly coupling Compliance upstream component and reduced the unnecessary load on upstream components.
- Collaborated with upstream and downstream teams to streamline Anti-Money Laundering and tax Compliance policies. This reduced the system complexity from three layers to one and enhanced 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.
- Wrote Pig scripts to generate excel files for analyzing shadow requests in jupyter notebooks, catching potential bugs before live deployment and reducing the amount of data inconsistencies by 20%.
- Created monitoring dashboards and alerts for triaging differences between live and shadow traffic through Splunk and Kibana to reduce the response discrepancies to 0%.
- Reorganized Compliance taxonomy, reducing the amount of entries required by 60%.

PayPal / Insight Global

July 2019 – March 2021

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