

## Jessica Lee

Software engineer

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## SUMMARY

Experienced full-stack developer with over 4 years of experience in the logistics and healthcare industry using frontend and backend technologies including **Vue.js**, **Ext.js**, **Spring Boot**, and **EJB**. Familiar with Agile methodologies to achieve various project targets. Strong problem-solving abilities and effective communication skills contribute to successful collaboration within cross-functional teams.

## PROFESSIONAL EXPERIENCE

### Technical Analyst

Feb 2022 – Jul 2022

*Orient Overseas Container Line – International logistics company*

- Developed container management systems with **Node.js**, **Vue.js** and **Oracle** database for daily operations across 100+ countries
- Developed APIs to provide historical and forecast data of containers using **Spring Boot** framework, **Hibernate ORM** and **Solace Event Sourcing** technique which receives 10k+ requests every day
- Reduced report generation time by 4 times through integrating new APIs in backend service to retrieve reconstructed data from **MySQL**
- Wrote unit test cases on microservices with **JUnit** and **Mockito** to achieve 100% coverage

### Programmer

Jun 2018 – Jan 2022

*Hospital Authority, Hong Kong – Healthcare industry*

- Developed clinical web systems using **Ext.js** frontend, **Enterprise JavaBeans (EJB)** backend, and **Sybase** database for facilitating the workflow of administration, report, and payment in **43** public hospitals, handling **millions** of transactions every day
- Designed, documented and implemented **RESTful** APIs by **Spring Boot** framework to support the backend of HA Go mobile app with 1M+ downloads on the Play Store
- Discussed with users and provided urgent enhancements on **RESTful** / **SOAP** APIs using JAX-RS and JAX-WS for retrieval of patients' vaccine records to meet tight schedules during COVID-19
- Constructed an internal dashboard hosted on **OpenShift (Kubernetes)** base cloud platform
- Reduced workload of web application regression test by implementing **Selenium** automated testing
- Guided junior teammates to use **CI/CD** pipeline with **Jenkins**, **Git** and provided technical advice

## CERTIFICATION

*AWS Certified Developer – Associate*

Oct 2023 – Oct 2026

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, HTML, CSS, SQL, Python

**Frameworks or Tools:** AWS, Spring Boot, ExtJS, Vue.js, Node.js, EJB, JUnit, Mockito, Solace MQ, Selenium, Docker, OpenShift, Maven, Jenkins (CI/CD), JIRA, Sybase, Oracle, MySQL, Git, SVN, Swagger

## EDUCATION

**Applied A.I. Solutions Development Program (Postgraduate)**

Sep 2022 – Aug 2023

*George Brown College, Toronto ON*

**BSc (Hons) in Computer Science**

Sep 2014 – Aug 2018

*Hong Kong Baptist University, Hong Kong*