



Siwei X.

SUMMARY

Focused and detail-oriented programmer offering exceptional troubleshooting skills and a talent for developing innovative solutions to unusual and difficult problems

Skills

- Java, Spring Boot, Maven, C/C++, SQL, Node.js, Javascript
- Experience with AWS, Kubernetes, Docker and Hibernate Performance and scalability optimization
- Knowledge of relational databases (Oracle, MySQL and MSSQL) and NoSQL database (DynamoDB)
- Familiar with Jira, GitHub, Splunk, AppDynamics and PagerDuty Team player

Experience

Senior Backend Engineer - Backbase — Toronto, ON 10,2020 – Present

Cooperated in the development of various banking solutions using BaaS (Backbase as a Service) which contains an AWS cloud hosted banking platform and SDLC tools for maintaining the applications.

- Worked with Agile and Agile-Waterfall hybrid methodologies
- Developed RESTful Web Services using MySQL, Spring Boot, Docker and GitHub actions
- Extended existing banking functionalities using Webhooks
- Wrote BPMN (Business Process Model and Notation) for managing various processes inside the application
- Reviewed and modified unit and integration tests to improve software quality and reliability
- Integrated web-based services into applications via on-premise and cloud-based deployments using Kubernetes and GitHub
- Cooperated with project partners to develop system analysis and new system design based on client specifications
- Coordinated with project managers to meet development timelines and plan testing
- Worked closely with support team to track and fix bugs using Datadog

Software Engineer – Loblaw Digital, Toronto, ON 08, 2018 – 04,2020

Co-developed Shopper Drug Mart (SDM)'s official website for advertising and selling of beauty products from more than 300 brands and used Hybris platform for product/promotion data ingestion, catalogue and content management.

- Wrote Impex files for data import and correction
- Worked on CMS components and page templates for redesign Wrote multiple APIs for GraphQL integration
- Set up new promotion types with Hybris
- Worked on POSLog upgrade and integration with downstream systems Implemented Cloud Functions using Node.js for SDM's integration with Instacart Improved the loading time of webpages by rewriting flexible search queries
- Built and deployed applications on Google Cloud Platform
- Post production support with tools such as Splunk, AppDynamics and PagerDuty

Software Developer - Antra Inc., Reston, Virginia

02/2015 - 11/2017



Developed a collection of RESTful web services used by multiple College Board systems to calculate and manage SAT scores, as part of the new scalable Assessment Redesign (AR) system architecture.

- Used technologies such as Spring JDBC and Jersey to create service APIs
- Wrote PL/SQL blocks (Function, Procedure and Trigger) to perform complex DB operations
- Used Amazon SQS to post messages for internal/external communication among various applications
- Used Junit to test service components and Mockito for data setup
- Built and deployed applications using Gradle and Oracle WebLogic Server tools Implemented multithreaded functions to reduce the process turnaround time by more than 50%

Education

Master of Science: Computer Engineering	12/2014
Illinois Institute Of Technology — Chicago, Illinois	
Engineer's Degree: Electronics, Electrical And Computer Engineering	09/2014
ENSEA — Cergy, France	