



# Juno Xuan (JiaLiang Xuan)

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Location: Guangzhou Wechat: Juno\_Huen

## Profile

*Proficient in core Java, J2EE, Spring Boot, Mybatis, and RESTful API development. Adept at working within Agile methodologies and DevOps culture to deliver scalable and high-performance solutions. Within Microservice based, experienced in containerization with Docker for deployment and config of services in the cloud. Have gained Alibaba Cloud Certified Professional – Microservice (ACP). Personal Blog: <https://junohuen.github.io/>*

## Education

- **Degree: Master of Electronic and Wireless Communication Engineering**

Guangzhou University

Sep. 2014 – Jun. 2016

- **Degree: Bachelor of Electronic Information Science and Technology**

Sun Yat-Sen University South College

Sep. 2009 – Jun. 2013

## Certifications

- Alibaba Cloud Certified Professional – Microservice

Jan. 2024

## Tech Skills

- Proficient in Java programming and developing microservices using Spring Boot framework, RESTful API development
- Proficient in implementing microservices in Spring Cloud ecosystem such like Spring Cloud Gateway, Eureka etc.
- Experienced in main current development framework such as Mybatis/JDBC, Docker, docker-compose, Kubernetes etc.

- Familiar with cloud platforms end to end flow for microservices development.
- Familiar with Ali Cloud Native microservice development components, such like ECS, EDAS, SAE, Rocket MQ, ARMS etc.
- Proficient in Oracle SQL and query optimization and performance tuning.
- Familiarity with front–end development with using Angular, NodeJS.
- Experienced in using Git for version control and Agile/Scrum methodologies as software development.
- Experienced in DevOps tools and development practices, such like Jenkins for CI/CD, Ansible for Deployment etc.

## Work Experience

### Software Engineer / Senior Software Engineer (Aug 2018 – present)

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*Fund Admin(FA), Markets Securities & Services, HSBC*

- Work as an Senior Software Engineer for FA functional system, Data Interfaces for Fund Accounting & Valuation. Acquired TOP Performance in the 2022 business year.
- Develop and implement the functional system consisting of front–end web app and back–end microservices structure. Design and implement functional components from front end to back end in the functional system to ensure business requirements are met and exceeded. including data feed and UI function.
- Develop FA Reports (Report as data view) with using microservices and various data APIs. Aimed on API, we develop data report with using data APIs and built with microservices.
- Design and develop data reports with SQL that full fill the complex business requirements, query optimization and performance tuning.
- In the period of 2023, I have also played a key role in the success of a data and interface migration project which also win the 2023 Reward and Recognition of HSBC. I have developed and implemented the automation tools continuously that streamlined the migration process, reduced errors and minimized manual intervention and reduced the overall migration time.
- By work mode, I'm proficient with using Agile Scrum methodologies as software development, and familiar with DevOps tools and development practices, such as Jenkins for CI/CD, Ansible for deployment etc.

## Software Engineer (Jun 2016 – Aug 2018)

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*FUTURES & OTC, Futures & Options Post Trade Office, HSBC*

- Worked as Software Engineer for Futures & Options Clearing System.
- Analyzed and identify the clearing system data inconsistencies and resolved them by cleaning and amending data sets that full fill the business requirement.
- Developed the data feed of the post trade office system for clearing and settle down.
- Familiar with Futures and Options trade logic, and familiar with the Clear flow on BackOffice.

## Research and Publications

- Paper Publish

《Optimal resource allocation in wireless relay networks with SWIET》

2016

IEEE International Conference on Computer and Communications (ICCC)

Electronic ISBN:978-1-4673-9026-2

<https://ieeexplore.ieee.org/document/7925227>

- Patents

《Writable two-dimensional bar code based on fault-tolerant mechanism and generating method thereof》

2014

Public No. CN103778453A

<http://www.soopat.com/Patent/201410024109>

## Languages

- English — fluency
- Chinese — native/bilingual
- Cantonese — native/bilingual