# Felix LI

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# Summary

* With 5+ years of experience designing and delivering scalable, high-performance systems in **Enterprise Java, Spring Boot, Spring Cloud, and Hibernate**.
* Strong background in **distributed systems, microservices, SaaS platforms, and RESTful APIs**, with proven expertise in high-throughput transaction processing.
* Skilled in **relational databases** (**MySQL**, Oracle, **PostgreSQL**) and **messaging systems** (Kafka, **RabbitMQ**, Redis) to ensure data integrity and system performance.
* Hands-on experience with **cloud-native deployments** on **AWS and Alibaba Cloud**, leveraging **Docker, Kubernetes, CI/CD pipelines, and GitLab** to automate and streamline deployments.
* Effective **Agile team collaborator**, experienced in sprint planning, stand-ups, and cross-functional delivery, ensuring **high-quality** and timely software releases.

# KEY SKILLS

* Languages & Frameworks: **Java**, **Spring Boot**, **Spring Cloud**, **Spring, Hibernate**
* Databases & Messaging: **MySQL**, **Oracle**, **PostgreSQL**, Redis, Kafka, **RabbitMQ**
* Architecture: **Distributed systems**, **Microservices**, **SaaS**, **RESTful API**
* DevOps & Cloud Platform: **Docker**, **Kubernetes**, Git, GitLab, CI/CD, **Alibaba**, **AWS**
* Practices: **Agile (Scrum)**
* Soft Skills: Effective **communication**, team **collaboration**, time management, and leadership

# Experience

**Senior Software Architect May 2022 – July 2023**

China Sports Lottery Operation and Management Co.,Ltd Beijing, China

* **Designed** and **implemented** lottery system applications using **Java** and **Spring Boot**, leveraging **microservice** **architecture** to ensure **scalability**, reliability, and **maintainability**.
* **Developed** high-throughput **RESTful APIs** for the order service utilizing **Spring Boot** and **RESTful** architecture, processing over 1,000 transactions per second, to ensure system performance and **scalability**.
* **Designed** and modelled **relational databases** (MySQL), leveraging **Hibernate** and MySQL in payment services to ensure efficient data storage, high performance, data integrity, as well as enhanced maintainability and security.
* Utilized **Docker** and **Kubernetes,** and integrated **agile** methodologies and CI/CD pipelines to orchestrate and **deploy** applications daily for new feature development, fostering release cycles, increased **code quality**, and improved cross-functional team **collaboration**.

**Senior Software Architect May 2018 – May 2022**

Zhiyun Xinghui TechnologyBeijing, China

* **Designed** and **developed** a **cloud-native** repairing information system using **microservice** architecture, containerized technology and **Spring Boot**, **deployed** and **managed** on a **Cloud Platform** (Alibaba) to provide a highly **scalable**, **reliable**, and available service.
* **Designed** and **implemented** a Vehicle Identification Number (VIN) parsing service using containerized **RabbitMQ**, greatly enhancing the efficiency and accuracy of vehicle information retrieval.
* **Collaborated** in **Agile** teams, actively participating in daily stand-ups, sprint planning, and **code reviews**; worked closely with cross-functional teams of 20+ to deliver a high-quality **cloud-native** **SaaS** system.

**Senior Software Engineer July 2010 – May 2018**

Yipingtai TechnologyBeijing, China

* **Utilized** Ice (Internet communication framework) to **design** and **implement** a **high-availability**, **high-performance**, flexible, and scalable **distributed system** using **Spring** and **Java,** enhancing and supporting lottery sales in two provinces of China.
* **Led** a cross-functional team to design and implement a lottery system, coordinate task assignments, set project milestones, and ensure on-time delivery, resulting in meeting **ISO9000** and **CMMI3** standards and positive client feedback.

# Education

**Full Stack Web Development** (In Progress) **Jan 2025 – May 2026**

Red River Polytech Winnipeg, MB

* **Relevant Courses:** 
  + Business Systems Build and Testing (**DevOps**, CI/CD, Testing, **Docker**)
  + OO Systems Analysis & Design (OOP, Design Pattern and Principle)
  + Database Management Systems & SQL (**PostgreSQL**)
  + **RESTful** **API** Development & Integration using Python
  + **Communication** (Strategies, Workplace, Systems and Innovative)
  + HTML, CSS, JavaScript, React, PHP
* **Projects**:

**Product Management System**

* + **Designed** and **developed** a content management system using PHP and **MySQL**, supporting user registration and product management.
  + **Implemented** MVC architecture to improve code **maintainability** and **scalability**.

**Personal Portfolio Website**

* + Built a responsive website using React, HTML5, CSS3, and JavaScript to showcase personal projects and skills.
  + Integrated third-party **APIs** to fetch open data, demonstrating the ability to **consume** **API**s effectively.

**Computer and Application** **1997 – 2000**

Nanyang Institute of Technology China