# Liwei Su

17724501117 | liweisu@proton.me
Guangzhou
https://blog.suliwei.foo/
23 | Male | Han

## SKILLS LIST

- Proficient in Linux with four years daily usage, CCNP certificate. Familiar with basic operations like process, user, network and package; have experience with LFS, writing a shell and building kernel;
- Familiar with MySQL, MariaDB, PostgreSQL. Proficient in using DBeaver, Datagrip and other database management tools; have the experience of building a SQLite;
- Familiar with AliCloud, AWS, Vutlr, and GCP, with basic knowledge of IBM Websphere. Personal blog are hosted on Cloudflare, self-construct LLM is running on AWS;
- Proficient in Java Basic. Understand Spring, Spring Boot, Mybatis, and other mainstream frameworks, experience with writing a database backup tool in Java. Familiar with common algorithms and data structures, have good taste in programming along with well-train git usage;
- CET 6 certificate, realtime translator in college. Solid English mindset, pain-free communicate with foreigners; passion in self learning. StackOverflow, Archwiki and other open source resources are always considered.

## PROFESSIONAL EXPERIENCE

**Guangzhou Joysim Technology Co., Ltd**                                           Jul 2023 - Present

DevOps R&D Center                                                                                      Guangzhou

- Responsible for the complete life cycle in maintenance of Joysim Technology AI platform, including problems discovery, analysis, and document formalized;
- Analysis and debug of "Staff Management System" developed for Guangzhou Unicom, corporated with the development team. The certain manners like reporting and agent processing would be taken when critical issues emeged;
- Testing project under multiple cloud providers, mainly are AWS, AliCloud and Vultr;
- Responsible for daily maintenance of the system on company's server. Using tools such as top, rpm, ps, rsync and others to benefit system optimization; complete documents on Seafile which is owned by company is often required;
- Join in brainstorm with development team regularly. Read and debug project, learning Spring Boot, Mybatis and other popular back-end frameworks; also dive in their agile development;
- Stacks involved: Java, Linux, MariaDB, MySQL, Shell script, Jenkins, Gitlab, Github, Vultr, AWS Lightsail, AliCloud ECS.

## PROJECT EXPERIENCE

**Spring Boot based Joysim AI platform**

To meet the need of using AI among employees, after discussing by the R&D center, it was proposed to use Spring Boot + Vue to design a multi language models platform. This project was finally adopted by the company, making AI more accessible to employees.

Joysim AI platform involves a variety of services and components, including authority management, multi models calling, announcement publishing and WeChat authentication API interface. In order to meet the needs of rapid development and deployment, the technology stacks used by this platform include but are not limited to:

- Spring Boot
- Jenkins
- Vue
- Mybatis
- Lombok
- CentOS

Through these, a multi language models platform was built to ensure the stable release of Joysim AI platform and the smooth experience for employees.

**Bluenote, a imitation of Rednote**

Curious about Microservices, the best learning method is to create one. Also the Rednote is popular now, it's time to make a Bluenote.

The following technology stacks are used in this project:

- Java
- Docker
- RocketMQ
- Redis
- Spring Cloud

The main functions of this project include:

- Ensure high availability through Nacos, Gateway, Sentinel
- Split the system into multiple microservices, achieving low coupling and high cohesion between services
- Use Elasticsearch to implement Chinese word segmentation search for notes, with the ability to customize score ranking
- Use Git for version control, and Jenkins for automated deployment, deploying enterprise-level projects to cloud