

Jiale Shao(Kayce)

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Education

Sichuan University
Bachelor of Engineering in Computer Science and Technology

2017/09 — 2021/07
Chengdu, Sichuan, China

Work Experience

Pionex Crypto Exchange, Onsite
Senior Backend Engineer

2023/06 — 2024/08

- Developing and maintaining the trading system of Pionex, a crypto trading platform.
- **Rebate System.** Designed and implemented the rebate system to support the rebate of trading fees to users (10m trades per month).
 - **Virtual Account System.** Designed and implemented a system to reuse multiple trading accounts of external crypto exchanges to help reduce the cost of maintaining those accounts(10 -> 4).
 - **Index Price System.** Participated in the development of the index price system to provide the real-time (usually less than 2s) index price of the crypto assets with high availability.
 - **Account Settlement.** Participated in the development of the account settlement system to provide a high available / throughput account settlement service (DAU 100k).
 - **Signature-based Access Control.** Participated in the development of the signature-based access control architecture for all requests.

Lark, Bytedance, Onsite
Golang Software Engineer

2021/07 — 2023/06

... and also
Golang Software Engineer Intern

2020/06 — 2021/06

- Involved in the development of the ATS(Application Tracking System) of Lark.
- **Refactoring the Search System.** Reduced the query latency(from 500ms+ to 100ms+).
 - **Auth System.** Developed an ABAC + RBAC auth system to handle the complex permission requirements(more than 100 different permissions in use) within the ATS.
 - **MutiGeo Retrofit.** Participated in the retrofit of the system to support multi-geo(currently 2 geos) deployment, which addressed the data sovereignty issues of the company.
 - **Data Encryption.** Implemented the data encryption module to protect the sensitive data of the users in databases.

Misc

Telescope.nvim 🔑 [nvim-telescope/telescope](#) as maintainer for several nvim extensions

2023/07 — Now

Codewars 🔑 [kayce.gitignore](#) | [Codewars](#) Online Developer Assessment Built on Quolified

2024/10 — Now

- **Honor Percentile:** Top 1.300%
- **Leaderboard Position:** #8,876
 - **Rust:** 3 kyu
 - **Go:** 4 kyu

Skills

- **Programming Languages:** Go (Since 2020), Rust and Java (Vertx)
- **Tech Skills:** Kafka, PostgreSQL, MySQL, Redis, MongoDB, OpenResty, etc.
- **Tools:** NeoVim / Vim, Git, Docker, etc.