Jiale Shao(Kayce)

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Education

Sichuan University   2017/09 — 2021/07
Bachelor of Engineering in Computer Science and Technology   Chengdu, Sichuan, China

Work Experience

Presence, Onsite   2024/09 — now
Senior Backend Engineer
Developing and maintaining all the backend services of Presence, a social media platform.
- **Architecture & Implementation**. Designed and implemented the overall technical architecture, ensuring scalable and efficient system solutions.

Pionex Crypto Exchange, Onsite   2023/06 — 2024/08
Senior Backend Engineer
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   2021/07 — 2023/06
Golang Software Engineer
... and also   2020/06 — 2021/06
Golang Software Engineer Intern
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.

Misc

Telescope.nvim ⚫ nvim-telescope/telescope *as maintainer for several nvim extensions*   2023/07 — Now

Codewars ♟ kayce.gitignore | Codewars   2024/10 — Now
- **Honor Percentile**: Top 0.647%, **Leaderboard Position**: #4,491
  ‣ **Rust**: 2 kyu / **Go**: 3 kyu

Skills

- **Programming Languages**: Go (Since 2020), Rust and Java (Vertx)
- **Middlewares**: Kafka, PostgresSQL, MySQL, Redis, MongoDB, OpenResty, etc.