Jia-Jun Yeh

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Jia-Jun is a distinguished software engineer and formerly Chief Technology Officer at Stranity Technology Co., Ltd., known for his C++ and Go programming expertise. With significant experience, from Taipei Exchange to leading a cryptocurrency exchange team, he excels in spearheading technical innovation and team leadership.

Work Experience

Jan 2021-Dec 2023

Stranity Technology Co., Ltd. *Chief Technology Officer*

Spearheaded Stranity Technology Co., Ltd., a spin-off from Sky Mirror Technology, focusing on innovative trading technology development and strategic company growth initiatives.

Leadership Experience

- Successfully led the team in upgrading important internal systems to Kubernetes, which greatly enhanced the system's robustness and availability.
- Contributed to the design of distributed systems in trading, bolstering team growth and enhancing technical expertise.
- Expanded a cross-functional team to 7 members, focusing on trading platform ecosystem development.
    - Provided technical decisions and architectural design for a team of 2 Backend Engineers and 2 Frontend Engineers in developing a back office system.
    - Mentored a Backend Engineer from entry-level to senior, imparting advanced coding techniques, system design, and best practices.
    - Mentored a new grad into a Site Reliability Engineer responsible for managing our company's production environment, with a focus on Kubernetes administration skills training.

Engineering Achievements

- Deployed and Maintained self-managed high-availability Kubernetes cluster, OS, and network infrastructure.
- Engineered the low-latency order gateway core using modern C++ and low-level architecture optimization.
- Solved complex technical problems in various systems, showing strong analytical ability and swift problem-solving skills in high-pressure scenarios.

July 2019-Jan 2021

Sky Mirror Technology Co., Ltd. *VP of Engineering*

Led the development of a futures trading system, focusing on system optimization for trading efficiency.

- Demonstrated exceptional leadership and technical skills, achieving a rapid promotion from Senior Engineer to Supervisor within just 6 months.
- Expanded the team by recruiting 2 Backend Engineers and 1 Frontend Engineer, enhancing team diversity and technical capabilities as Team Manager.
- Led and collaborated with the team in developing system management and customer dashboard projects, fostering a collaborative environment and ensuring project success.

June 2018-May 2019

COBINHOOD, Ltd. *Lead Backend developer*

Led a team of 5 Engineers in cryptocurrency exchange development.

- Optimized Kubernetes deployments, cutting Google Cloud Platform costs by over USD 10,000 monthly.
- Implemented the Go version client library to integrate 2 blockchains (Monero, Tezos) in exchange.
- Managed operations for a cryptocurrency exchange, maintaining exclusive production environment access with privileges to hot wallet private keys, a responsibility shared only with the CTO and Backend VP.

June 2017-June 2018

Taipei Exchange *Software Engineer*

Development of an emerging stock trading system.

- Developed message dispatch proxy to adapt the trading system to web service.
- Optimized continuous data streaming system to be 110 times faster and solved critical race condition problems. And developed a drop-in replacement for it based on libuv.

Education

2015-2017 **MSc, Institute of Computer Science and Engineering** National Chiao Tung University
2011-2015 **BSc, Computer Science** National Taichung University of Education