Raiven Kao

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1997-07-13

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Work Experience

Apr. 2020-Present

Stranity Technology Co,. Ltd. *Senior Software Engineer*

Golang/Postgresql/Influxdb/Docker/Kubernetes

- Designed and built an automated checkout billing module system using clean arch, enhancing the checkout flow performance by 2 weeks per month.
- Collaborated with CTO to develop an open-source Golang Monorepo, implementing DevOps practices.
- Independently maintained over ten microservices by developing Helm charts.
- Implemented OLAP by organizing seven tables using PostgreSQL materialized views, reduced computational load and code complexity for API service.
- Designed and implemented a CRM cluster, implementing semi-automated site deployment processes.
- Developed a full-stack broadcasting system (grpc, websocket, Fyne) to enhance system security, minimize network bandwidth usage, and support AI team.
- Performed disruptive modifications and upgraded InfluxDB version, resulting in a 50% reduction in memory usage.
- Optimized and made the CI pipeline parallel, reducing backend build and deployment time by 70%.
- Monitored the system and established proactive notifications for various abnormal scenarios.

Jan. 2019-Feb. 2020

StarLord Technology Co Ltd. *Software Engineer*

PHP/Python3/Mysql/Vuepress

- Developed game server backend and refactored code to eliminate circular references among objects.
- Established product packaging environment, developing semi-automated scripts for streamlined publishing, including build processes and generating release notes..
- Set up a KMS powered by Vuepress that allows backend developers to focus on document creation without concerning about formatting.
- Conducted end-to-end testing on backends by simulating user flows, planned modularization and packaging processes, making it ready to use out of the box.

Side Project

instagramrobot   Developed a Telegram bot that forwards Instagram media to chatrooms.

pico-bme280   A temperature and humidity exporter based on TinyGo.

Education

2015-2019

BIM, Bachelor of Information Management

National Taipei University of Business