

Mag Zeng

Kaohsiung, Taiwan

+886-987-199-831

magzeng@protonmail.com

Summary

5 years' experience in software development, currently working in a music streaming company. Experienced in developing engineering solutions with a variety of API (mostly **PHP**) and CMS. Team-oriented with proven ability to collaborate and perform effective code reviews. Skilled in **DevOps** and **Gitlab** flow and writing codes follows the **SOLID** principle.

Skills

PHP, Laravel, Redis, MySQL, Python (Entry level), Linux, Git, Docker, AWS

Experience

Software Engineer, KKBOX

2016 Nov. - Present

- Feature development & operations
 - Content Management System
 - A comprehensive internal CMS
Implement a user-list-upload feature using **S3** and **SNS** to exchange data and notify another department. Create a CRUD interface to integrate with third-party APIs. Display short URL statistics by **chart.js** along with **Athena** query execution.
 - Placement Marketing Management System
 - A python based system includes Crons, **Redis**, **Redash**, **Presto**, with a **flask** API
Collaborate with colleagues to create and maintain a **PHP & Vue.js** based CMS to integrate with it. Monitoring errors by **Rollbar** to make sure it's stable. Enhance the system by communicating with users continuously.
 - Exploring Page
 - A portal page with almost 2 million DAU
Develop features and determine how to divide the work for several engineers. Design a data type compatible with current architecture to support the new behavior without releasing a new version's apps.
 - Operations
 - Identify problems and solutions for both internal and external users
 - Containerize services for auto deploy. Write **CI.yml** to lint & test codes on pipelines
 - Create and update API documents and manuals
- Achievements
 - Avoid unnecessary retries (every 10 min) by introducing a fallback strategy
 - Fixed a critical bug by replacing a Time-Based UUID with a Name-Based UUID
 - Improved a job's efficiency by decreasing its run time to 50%
 - Wrote data correction manuals

Internship, KKBOX

2014 June - 2016 May

- Quality comparison tool
 - A single-page application for blind listening tests
With the mentor's help, I designed and implemented the system using **React** and **Laravel**.
- Push notification system
 - Integrating with existing APIs for the sales department to send notifications to users
I built the front-end using **Angular**.
- Cloud-playlist logs searching tool
 - For the customer service department to trace cloud-playlist logs
I built the front-end using **jQuery** and **Bootstrap** to integrate with backend APIs.

Education

Shu-Te University

Bachelor & Master - Computer Science and Information Engineering

2014 Sept. - 2016 May