JEWEI MAK

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https://github.com/jewei
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PROFESSIONAL SUMMARY

Proficient in Laravel/PHP with a deep understanding of software design patterns. Focus on Developer experience (DX) through creating clean, documented, and tested code. Capable of designing scalable and secure systems. Experience in cloud/serverless architecture. Able to mentor and guide junior-mid engineers.

I have developed various web applications and API backend systems, including:

1. Built the best-in-the-market community software (JomSocial and blog) with Joomla CMS extension.

2. A content platform for curated articles and news aggregators from healthcare professionals for pharmaceutical companies and healthcare institutions worldwide.

3. An e-commerce platform collaborated with more than 50 KOL and influencers.

4. and an award-winning learning platform for 10,000 Malaysian schools that made teaching and learning easy for teachers and students.

Preferably to be a technical leader than a people manager. I am most productive as an individual contributor (IC) to collaborate with other development team members and create high-quality software solutions that meet the needs of the company's clients and end-users while also adhering to industry best practices and standards.

WORK EXPERIENCE

MARCH 2023 – PRESENT

SENIOR BACKEND SOFTWARE ENGINEER, FEMMILY

- Refactor and migrate two legacy Laravel applications (CMS + Marketplace) to Laravel 10.

- Introduce Github Actions, setup CI/CD pipeline and integrate error tracking tool to the team.

- Enforce coding standards and streamline Git workflows.

- Lead the migration of code repositories from Bitbucket to GitHub.

- Architect and set up production environment on AWS.

- Provide strategic support to expedite the delayed project in meeting its soft launch deadline.

- Talent acquisition, mentoring team members and engaging with stakeholders.

- Stacks: Laravel 10, MySQL 8, Livewire, Filament, PHPStan, Pest.

- Tools: Github, Bagisto, Laravel Forge, Flare, AWS.

JANUARY 2019 — MARCH 2023

SENIOR SOFTWARE ENGINEER, FROGASIA

- Maintain a Learning platform for > 10,000 schools with APIs consumed by the frontend and mobile apps; an online training app for > 25 big corporates, i.e., YTL Construction, YTL Hotels, etc.

- Involve in developing products, i.e., Lesson Planner app, Curriculum Designer, Boost app, Certificate app, Courses app, Workspaces, and analytic dashboard.

- Work with architects and product owners to deliver end-to-end system architecture design, break-down product requirements into technical tasks, and estimate project delivery.

- Work with the platform team to deliver deployments and implement application loggings, server metrics, and monitoring systems health.

- Work with the data analytics team in pipelining app usage data to Elasticsearch and data lake.

- Mentor peer engineers and help clear blockers. Code review merge requests to ensure it meets modern code standards, i.e., the 12 Factor App methodology.

- Stacks: PHP 8, Laravel 9, React, MySQL, Firebase, RabbitMQ, Red Hat OpenShift Linux.

- Tools: GitLab, CI/CD Pipelines, OpenShift, Docker, Figma, Vault, NiFi.

JANUARY 2017 — DECEMBER 2018

PRINCIPLE SOFTWARE ENGINEER, MODEFAIR

- Design and architect the backend system and API for an e-commerce application, including features like campaign management, merchant onboarding, product listing, and business reporting, audit logs.

- Manage deployment and oversee staging, production servers on AWS.

- Implement zero downtime deployment and rollback.

- Promote coding standards, design patterns, guidelines, and best practices to the team.

- Build microservices for image compression service, PDF reports, and social media platform data mining (IG & FB).

- Stacks: Ubuntu, Nginx, PHP 7, AWS EC2, S3 & RDS, Cloudflare, Laravel, Redis.

- Tools: Deployer, Composer, Git, SSH, Slack, Let's Encrypt.

JANUARY 2013 — DECEMBER 2016

APPLICATION DEVELOPER, P\S\L GROUP

- Develop a dynamic filtered newsfeed system from aggregated data for the pharmaceutical industry.

- Create an automated newsletter builder and email tracking system.

- Deploy micro-social sites with live newsfeeds and newsletters for medical professionals.

- Receive "Level 1 Real-Time Recognition Award".

- Stacks: CentOS, Apache, PHP 5, MySQL, Drupal.

- Tools: Drush, G Suite, SVN, PHP_CodeSniffer, PHPUnit.

- Participate in building the main product, Jomsocial, as a Joomla CMS extension, which was awarded the best Joomla extension.

- Implemented video uploads and the custom video player with Amazon S3 integration.

- Stacks: Apache, PHP, Joomla.

SOFTWARE DEVELOPER, STACKIDEAS

- Participate in product development for Easyblog, EasyDiscuss, and Komento as Joomla CMS extensions.

- Provide customer support in the forum and ticket system.

- Stacks: Apache, PHP, Joomla, Javascript, CSS.

JUNE 2009 — MAY 2011

SOFTWARE ENGINEER, SLASHES & DOTS