

James Law

Date of Birth: 24 April 1990

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SUMMARY

A responsible and well-motivated individual who takes great pride in his work. A person who likes to learn through self-exploration and enjoys new challenges. Able to work under pressure to meet deadlines.

EXPERIENCES

Borong (Formerly known as Dropee) – Engineering Manager

Feb 2022 – PRESENT

- Led the technical strategy for core web platforms and microservices, ensuring seamless integration with complex third-party ecosystem APIs.
- Mentored and coached a cross-functional engineering team, conducting regular code reviews and providing architectural guidance to elevate the team's technical standards.
- Collaborate with Product Managers and UI/UX designers to prioritize feature releases and manage resource planning, ensuring technical output aligns with user-centric goals and business objectives.
- Championed technical excellence by establishing comprehensive documentation standards for system architecture, APIs, and internal workflows.
- Architected multi-cloud environments across AWS, AlibabaCloud, and DigitalOcean.
- Streamlined server operations and deployments by leveraging RunCloud to manage PHP stacks and cloud instances efficiently.
- Conduct regular performance reviews for the engineering team, providing actionable feedback to support career growth and technical skill development.
- Orchestrate the full sprint lifecycle using Lark, implementing custom automation to streamline task assignments and project tracking.
- Monitor and analyze team performance metrics across every sprint, identifying bottlenecks to continuously improve velocity and output.
- Standardized local-to-production parity using LXD & LXC, ensuring consistent network routing and service dependency management.

MilkADeal Sdn Bhd – Full Stack Developer

Feb 2019 – Aug 2021

- Led the full-stack architectural overhaul of the company website, migrating from legacy Yii 2 to a modern Laravel and Vue.js framework.
- Decoupled system architecture into a scalable three-tier model (Web, API, and Database layers), significantly improving security and maintenance workflows.
- Optimized web performance and storage scalability by migrating legacy image assets to AWS S3 and refactoring the application to serve content via S3.
- Orchestrated cloud migration to AWS, configuring Load Balancers to optimize traffic distribution and ensure high availability.
- Engineered data redundancy by implementing MySQL Master-Slave replication, providing a robust failover and backup strategy.
- Managed 3rd-party integrations, successfully connecting external APIs to expand the platform's core functionality.
- Audited and enhanced outsourced projects, performing code reviews and technical updates to ensure external deliverables met internal quality standards.

M-Mode Berhad – Lead Developer

October 2014 – January 2019

- Architected and maintained server environments using AWS, Linux, LXC, and Nginx, including full setup and configuration of PHP-based stacks.
- Optimized network performance and security by implementing iptables, Loadbalancers, and TINC (VPN), ensuring high availability for hosted applications.
- Developed web applications using pure PHP, Laravel framework & CodeIgniter framework.
- Managed complex data ecosystems across various database technologies including Percona MySQL, MariaDB, MSSQL, Redis, and SSDB.
- Modernized legacy infrastructure by successfully migrating VB.NET and ASP.NET systems over to PHP, improving system performance and long-term support.
- Integrated diverse 3rd party payment APIs, ensuring secure and seamless transaction flows for end-users.
- Automated system monitoring by developing custom notification alerts via Telegram, Discord, and Signal to ensure rapid response to server events.
- Streamlined email operations by configuring Postfix/Dovecot servers and executing complex Gmail migrations using Imapsync.

EDUCATION

Bachelor of Computer Science – Degree

Finished 2014, SEGi College Kuala Lumpur

Classification : Upper Second-Class honour

Diploma in Computing – *Diploma*

Finished 2012, SEGi College Kuala Lumpur

GPA : 3.1 (4.0 scale)