JUN YANG CHIN

Back-end Developer specialising in building efficient REST APIs with a focus on relational databases.

Mobile: +60104291633 | Email: junyang.chin@outlook.com | Website: jychin.com

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CORE SKILLS

Programming Language: PHP, JavaScript, Go   **DevOps:** Linux, Docker
Framework: Laravel, React   **Cloud:** AWS, Cloudflare
Database: MySQL

PROFESSIONAL EXPERIENCE

Invoke Solutions Sdn Bhd   Kuala Lumpur, MY
Software Engineer – Systems   August 2022 – Present
- Refactored procedural code base into Factory pattern which improved code readability and debugging
- Cached lazy-loaded external resources which lead to 50% improvement in response time
- Designed data modelling and developed payment gateway integration for multi-tenant application
- Eliminated object storage by refactoring PDF generation to on-demand synchronous API
- Developed ETL pipelines from client's multiple e-Commerce sources into Data Warehouse with Data Factory

Daikin Malaysia Sdn Bhd   Sungai Buloh, MY
Engineer – Production Engineering   February 2020 – July 2022
- Implemented automated machine program selection with PLC and results logging to SQL Server
- Managed and developed the first air purifier assembly line
- Achieved 1 manpower cost down by eliminating NVA process and conveyor set up with 1 year ROI
- Line cycle time reduction by 5% through work element optimisation for new product

ACHIEVEMENTS

Hays </HACK> Coding Contest   July 2023
- Award recipient for the PHP category

EDUCATION

University of Nottingham Malaysia   September 2015 - February 2020
MEng (Hons) Mechanical Engineering
- Upper-Second Class 2:1 with Nottingham Advantage Award
- FYP: PM framework with predictive maintenance for public transport asset management
- Diesel-Water Emulsifier: Short-listed to the James Dyson Award regional round in Malaysia 2018

OTHER EXPERIENCE

AWS AWSOME Day Online Conference 2023   November 2023
- Introduced to AWS compute, storage and databases

AWS Community Day Malaysia 2023   July 2023
- Attended talk on serverless architecture and microservices

Data Science Uncut Bootcamp 5.0 by thelead.io   May 2022 - June 2022
- Produced a decision tree classifier model to predict equipment failure

OTHER SKILLS

Languages: English, Malay, Mandarin, Japanese (N5)   **Devtools:** Figma, Git, VS Code, Vim