

# TZULIN (SHANE) HO

Have a valid work permit.



[Portfolio](#)



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[shanetzulinho](#)

## WORK EXPERIENCE

### FULL STACK ENGINEER

JinDe Steel Pipe | Taiwan | May 2020 - Present

- Transformed manual paperwork to an online web application with a seamless workflow, which involves accounting, purchasing, factory, sales, and design departments, supporting six different authorized users to apply, track, and approve applicant forms, significantly reduced idle time and communication costs between applicants and managers
- Implemented the online signature feature on the document approval system that allowed users to make instant actions for sudden changes, which streamlined the work and facilitated greater collaboration with clients
- Attracted 5% of the client base by designing a website using web development tools. Increased brand awareness, communicated company news, and promoted company services
- Developed admin system by using PHP (Laravel), CSS, HTML, JavaScript, and MySQL for users to update the information and products for clients of better user experiences and reduce the communication cost between sales and buyers
- Developed an open online tool using shell scripts for users to accurately estimate their needs to reduce purchase cost
- Initiated and implemented a notification function with RESTful API (LINE, the most used instant messaging app in Taiwan) when clients send messages through the website's services to inform staff to handle their requests in real-time

### SENIOR SOFTWARE ENGINEER

ASUS | Taiwan | Jun 2014 - Aug 2018

- Implemented image release system using PHP (Laravel), CSS, HTML, JavaScript, and PostgreSQL for syncing the latest information to improve transparency and misuse rates
- Created custom scripts and connected with Jenkins (CI/ CD tool) that reduced the redundant process of testing requests from developers and significantly reduced the waiting time and manual operating time by 80%
- Processed 10+ projects' source code using Gerrit (like Github) to help developers fix errors and merging conflicts and ensure images were produced and delivered on schedule
- Maintained 20+ Windows/Ubuntu servers for running systems and Android build environments, with tracking reports to reduce the risks of server failure and handle troubleshooting
- Integrated Andoird build flow with firmware team and APP team, rolled build hourly so that software engineers could fix errors in advance to reduce daily build process failure without affecting release schedule

## OTHER EXPERIENCE

### PROJECT MANAGER INTERN

Verge Inclusive Athletics, Inc. | Boston, USA | Jul 2019 - Sep 2019

- Cooperated with a developer to build a web platform for a local running club for runners to find a qualified coach and arrange their coaching time more convenient and efficiency

### FREELANCER (FRONTEND, BACKEND)

Taiwan & Remote | Dec 2018 - Mar 2019

- Designed and developed Flora website using PHP (Laravel), CSS, HTML, JavaScript, and MySQL, including an admin system for the administrator to maintain content effortlessly

## SKILLS

### Web Development Tool

PHP (Laravel framework)  
CSS3  
HTML5  
JavaScript  
jQuery  
MySQL 、 PostgreSQL

### Workflow Automation

Shell/ Batch script  
CI/ CD (Jenkins)

### Project Management Tool

Scrum  
ClickUp

### Others

Gerrit (like Github)  
Server maintenance  
RESTful API

## EDUCATION

### Master of Information Management

National Yunlin University of Science and Technology | Taiwan  
2012 - 2014

### CS50: Computer Science Courses and Programs from Harvard

edX | Online Course  
Mar 2022 - Jun 2022

## PROJECTS

- [MyCatsFitness](#)
- [JinDe Steel Pipe](#)