

Tony Pai

Senior Site Reliability Engineer

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Experience

OneDegree Principal Site Reliability Engineer **2022.7 ~ Now**

Keeping system available, reliable and maintainable, and provide valuable recommendation for both development and infrastructure issues.

- Planned flexible infra solutions for on-premises and multi-cloud environment.
- Constructed monitoring and proactive alerting system for reducing occurrences of incidents.
- Provided continuous feedback to R&D and SRE team on system stability and availability.

OneDegree Senior Site Reliability Engineer **2021.7 ~ 2022.7**

Responsible for cloud infrastructure management and deployment automation.

- Created a secure CI/CD flow using Gitlab and pipeline trigger.
- Constructed Azure cloud infrastructure for web application.
- Managed various of Docker based virtual machines and Kubernetes clusters.

OneDegree Senior Engineer **2020.5 ~ 2021.7**

Cooperated with talented team and delivered high availability insurance web application.

- Programmed a server-side rendered app with Next.js.
- Developed a tool which can convert swagger schema to Typescript interface.
- Shared dev experience and latest tech news across the team.

Oriente Senior Front End Software Engineer **2019.7 ~ 2020.4**

Built an e-commerce platform to boost the user conversion rate of the loan business of the company.

- Programmed a server-side rendered WebView app with Nuxt.js.
- Maintained a Vue UI library for front end team.
- Assembled a web stack on top of AWS.

Taroko Senior Engineer **2017.12 ~ 2019.5**

Initiated refactor plan to old products for modern features SPA and RWD.

- Integrated modern web app with Rails.
- Increased test coverage for delivering solid production.
- Evaluated the mono repo managing tool Lerna and its migration.

Feversocial Senior Front End Engineer **2016.8 ~ 2017.12**

Launched a new service which provides faster and easier ways to build a landing page for no IT company.

- Set up front end stack and design system architecture from scratch.
- Optimized deployment from several minutes downtime to zero downtime.
- Completed domain name customization and medium-like path features.

Ifalo Senior Front End Developer **2015.10 ~ 2016.5**

Maintained internal system and refactored dashboard panel for better user experience.

- Programmed a brand new project based on React.js.
- Remodeled a PHP project to SPA for new user flow.
- Solved bugs and troubleshoot.

Side Projects

Doge Deck

tonypai.com.tw/dogedeck/

A simple tool to collect meme images, those images are Yu-Gi-Oh themed cards and full of doges, it provides people who loves meme a better way to search and contribute their creation. It went viral in a week and had 130 thousand unique visitors since the beginning.

Taiwan Travel Level

travel.tonypai.com.tw

There is one famous tool called [KKN](#) which will generate map and score based on how long and where you stay in Japan, I made a modern version for Taiwan with vanilla JS. It was on fire and attracted 700 thousand unique visitors in two weeks.

React Starter Kit

r2-starter-kit.herokuapp.com

A boilerplate for web development which built on top of React, Redux, Redux-Saga and Webpack 4, it integrated a bunch of CI tools and services. It has been maintained for almost 6 years, it is a valuable project to me.

Certifications

Microsoft Certified: Azure Solutions Architect Expert

[Issued on Jun 2022](#)

Microsoft Certified: DevOps Engineer Expert

[Issued on Sep 2021](#)

Microsoft Certified: Azure Administrator Associate

[Issued on Apr 2021](#)

Volunteer

JSDC 2017 Speaker

[DevOps for F2E](#)

TGDF 2015 Speaker

[Basic Security Info for Indie Game Developer](#)

Education

Master's degree, Information Management 2011 ~ 2013

Tunghai University

Bachelor's degree, Computer Science 2006 ~ 2011

Tunghai University