

# Tony Pai

Web Developer

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## Experience

### **OneDegree** Senior Site Reliability Engineer **2021.7 ~ Now**

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** Sr. 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** Sr. 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** Sr. 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.

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## Side Projects

### **Taiwan Travel Level**

[travel.tonypai.com.tw](http://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 think it's interesting so I made a modern version for Taiwan with vanilla JS. This tool was on fire in a whole week, it reached 700 thousand unique PVs in 7 days.

### **Oriente UI**

[oriente-ui.tonypai.now.sh](https://oriente-ui.tonypai.now.sh)

A Vue component library built for common usage inside a company, developer, and designer can start a style guide server to develop a new component, and it supports both client-side rendering and server-side rendering. Also, it will automatically publish the npm package by Github Actions CI/CD.

## **React Starter Kit**

[r2-starter-kit.herokuapp.com](https://r2-starter-kit.herokuapp.com)

R^2 Starter Kit is a boilerplate for web development built on top of React, Redux, Redux-Saga and Webpack 4, also it integrated Heroku, Travis CI, Coveralls and lots of 3rd party services. I maintained it for almost 4 years, and I will keep everything new in the next few years.

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## *Volunteer*

### **JSDC Speaker 2017**

[DevOps for F2E](#)

### **TGDF Speaker 2015**

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

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## *Education*

### **Master's degree, Information Management 2011 ~ 2013**

Tunghai University

### **Bachelor's degree, Computer Science 2006 ~ 2011**

Tunghai University