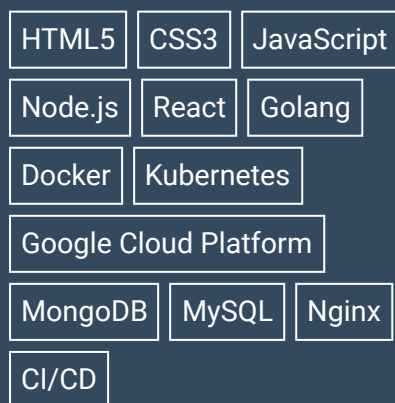# FA-HSIEN LI（李法賢）

Staff Engineer
Born 1986 in Tainan

About me

I'm a fullstack developer, having proficient experience of implementing end-to-end web system, including DevOps operations.

Skills

`HTML5` `CSS3` `JavaScript`
`Node.js` `React` `Golang`
`Docker` `Kubernetes`
`Google Cloud Platform`
`MongoDB` `MySQL` `Nginx`
`CI/CD`

Contact

✉ nickhsine97753017@gmail.com

📞 0916740768

 nickhsine

 nickhsine97753017

💼 Experience

Senior Software Engineer/Staff Engineer
The Reporter Culture Foundation（報導者）
December 2015 - December 2020

As a leader of engineers (2 FE, 1 BE), designers and program manager, I lead the team to accomplish:

#Technical perspective:

- design and implement end-to-end user-facing websites
  - accelerated by CloudFlare CDN
  - behind nginx reverse proxy
  - containerized by docker
  - deployed on Kubernetes Engine for automatical scaling, health checking, self healing and simplifying application development
- modern websites with Nodejs (es6), Reactjs, Redux and styled-components (GitHub Repo)
  - server powered by Express and Nodejs
  - single page application (SPA) for better user experience
  - webpack for bundling and code splitting
  - Redux for managing data models
  - React for rendering components
  - Progressive Web App for offline, caching strategies, home screen installation and web push notification
  - server side rendering for SEO
- RESTful backend web services by Golang (GitHub Repo)
- payment system integrated with Tappay
- web push notification system
- customized CMS for media organization
  - WYSIWYG editor implemented by Draftjs
- monorepo structure to manage and publish packages
- integrate CI/CD (on CirlceCI) with Google Cloud Platform
- story-telling components embedded code generator (GitHub Repo)
  - powered by Cloud Functions and Cloud Endpoints

 # Leadership:

- set up cross-function (designers, journalists, editors and marketing) cooperation workflow
- build up websites, systems and company culture from scratch
- build up engineer culture: solid code reviews, unit tests, documentation and tech sharing
- plan and implement innovative news projects with other functions, especially journalists
- introduce Agile management framework (Scrum) to the company, and make the methodology fit in the organization

I joined The Reporter when it started up at the very beginning. Therefore, I almost participated in every technical decision, cross-function communication and team members hiring.

Lecturer （新聞網站運作實務）
Journalism Department of Chengchi University
Since February 2018
In this course, I teach the students how to build news websites and how the daily news room works. Not only use Figma to design the mockups, but also implement the website by HTML5 and CSS3. Finally, host the websites on GitHub Pages.

Junior/Senior Software Developer
Yahoo
September 2011 - December 2015
In Yahoo, the first two years, I maintained the legacy sites like Yahoo Stock/Money/Movie/Sports/Fashion/Game with PHP.
And later, I developed backend of Yahoo Money/News site with Java and frontend of CMS with Nodejs.

Education

Master
September 2008 - September 2010
Major in Computer Science, Chengchi University, Taiwan.

Bachelor
September 2004 - June 2008
Major in Journalism , Chengchi University, Taiwan.

<> Projects

報導者新聞敘事元件庫
1. 前情提要
2. 左右互搏版型
3. 捲動式影片
4. 橫著滾吧！照片
5. 大事記

Story-telling Frontend Projects
- 台灣遠洋漁業的大鮪鱸鰻
published at 2016/12/19
2017 SOPA Award:
Excellence in Information Graphics
- 這些人平反後，真能避免下一個冤案？
published at 2018/2/27
- 疫情即時脈動
published at 2020/2/19