

Founder of 2 tech start-ups. 5 years of experience as a software engineer. Write easy, optimized, maintainable code. Egoless, result oriented, can work under high pressure. Hard-working (70 hrs/w), fast, passionate learner with curious, beginner mind set. Only need 20 days to catch up with a brand-new language or framework.

Stock Price Calculation Software 📅 Aug/22 - Ongoing

Side start-up to reduce the time from making buying or selling decision from 1-2 weeks to 1 day with > 80% chance of being right.

- Like Google, automatically crawls current stock price and other data from [vietstock.vn](#) and does the calculation.
- Have a look at a simplified version by visiting [tuannguyen.site/login](#) then press button "SIGN IN AS GUEST" then press "SIGN IN".
- [Github source code](#) [Database design](#)
- Tech Stack: **PHP** **Laravel** **Javascript** **React** **Typescript** **Recharts**
MySQL **Redux** **Regex** **Material UI** **Docker** **AWS EC2 Ubuntu** **Apache**

Fullstack Web Developer (Remote) 📅 Jan/22 - Aug/22

[Tally Group Australia \(UCONX team, 20 members\)](#).

Multi-tenant app with microservice architecture for rent to other energy, gas retailers to advertise and set up sales in minutes.

- Refactored messy code base and reduced 80% of database queries by: caching, eager loading, optimizing code... Made both back-end and front-end apps run 30% faster.
- Wrote solutions for bugs or new features for other devs, reviewed code.
- Tech Stack: **PHP** **Yii2** **Codeception** **MariaDB** **Javascript**
Bootstrap3 **Tailwind** **Jquery** **React** **Redux** **Material UI**

Fullstack Web Developer (Remote) 📅 Jun/21 - Dec/21

[Webtools New Zealand \(Agriculture team, 10 members\)](#).

A [monolith app](#) with both front-end and back-end integrated together to keep track of livestock for farmers in New Zealand.

- Maintained, upgraded version, fixed bugs, built new features and consulted technical solution for the customer.
- Tech Stack: **PHP** **Laravel** **MySQL** **Javascript** **Typescript** **React**
Jest **Ant Design** **Recharts**

Fullstack Developer 📅 Mar/20 - May/21

[Texo Design Ho Chi Minh \(20 member team\)](#).

An outsourcing company that builds all types of products for customers by many different technologies.

- Converted designs to HTML: ~50 complicated [Email Templates](#) that work across multiple devices and sent by [Salesforce](#) or [Mailchimp](#).
- Converted designs and animation videos to 6 [Applications](#) that deployed on [Veeva](#) for marketing to the customers on iPad Pro.
- Converted designs to 3 [websites](#) using CMS.
- Participated from the beginning, coded, designed databases, chose technologies for multi-tenant, micro-service app that allows car retailers to rent web application to sell car devices.
- Tech Stack: **PHP** **Wordpress** **Moodle** **Laravel** **Ruby on Rails**
Camaleon CMS **PostgreSQL** **MySQL** **Javascript** **Typescript** **React**
Nextjs **Bootstrap** **Webpack** **Gulp** **AWS**

Founder, Project Manager, Fullstack Developer...

Real Estate Social Network. (Ho Chi Minh) 📅 Mar/18 - Dec/19

A start-up tried to solve messy real estate market for Vietnam by copying [Zillow.com](#) and allowed users post real estate for free.

- Designed system, designed database, chose technologies, hired 3 developers, SEO, marketing, raise capital...
- All devs could not build some tough features that I required, so I had to learn tech and code them myself like this [uploading image feature](#).
- The app reached 10,000 users already after 3 months, but faced many challenges, and I didn't sense it was going anywhere so I shut it down.
- Tech Stack: **PHP** **Laravel** **Javascript** **Vue** **Vuex** **Nuxtjs** **MySQL**
MongoDB **Redis** **Bootstrap** **Nginx**

Real Estate Agent 📅 Nov/16 - Jan/18

Civil Engineer 📅 May/16 - Nov/16

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📍 Ho Chi Minh city, Vietnam

[Github](#) [Linked In](#) [Leetcode](#)

Front-End

Languages: **Javascript** **Typescript**

HTML **CSS**

Frameworks: **React** **Redux** **Nextjs**

Vue **VueX** **Jquery**

Themes, Libraries: **Material UI**

Ant Design **Bootstrap** **Tailwind**

Recharts **Sass** **Lodash** **Webpack**

Gulp **Vite** **Greensock Animation**

Testing: **Jest**

Code Checking: **Eslint** **Prettier**

Back-End

Languages: **PHP** **Nodejs** **Ruby**

Frameworks: **Laravel** **Yii2** **Express**

Ruby on Rails

CMS: **Wordpress** **Camaleon** **Moodle**

Testing: **PHP Unit** **Codeception**

Code Checking: **PHP Stan** **PHP Psalm**

PHP Cs Fixer

Databases

SQL: **MySQL** **PostgreSQL** **MariaDB**

NoSQL: **MongoDB** **Redis**

Other

Git **Docker** **AWS** **RESTful API**

GraphQL **Ubuntu** **Apache** **Nginx**

Load Balancer **CI/CD** **Micro Service**

System Design

Data Structures and Algorithms **Regex**

SEO **Jira** **Slack** **Harvest**

Certificate

[Data Structures and Algorithms](#)

[System Design](#)

[Nodejs - MERN stack](#)

Education

🏛️ National University of Civil Engineer (Hanoi 2011 - 2016)

💡 Full scholarship that cover my tuition

👷 Civil Engineer