Tony Dinh *(Dinh Quang Trung)*

Software Engineer | +65 8814 9698 | trungdq88@gmail.com

Writing code since 15, built my first Windows application with VB6. Passionate in architecture and engineering. Fascinated by the state of the computing industry build up from each small bit.

Technical Skills

- Product Development, Engineering and Architecture
- Backend: Ruby on Rails, NodeJS, Python, Go
- Frontend: ReactJS, PWA, page performance, animation
- Fundamentals: OOP, Testing, Algorithms, Design Patterns...

Soft Skills

- Teamwork
- Mentoring
- Fast learner
- Intellect over emotion
- Creative

Education

Software Engineering
at **FPT University** (2011 - 2015)

Summary

- 5 years experience in software engineering, worked on Mobile, Web, Backend, DevOps.
- Hands on experience with multi-country online payment system and e-wallet.
- Built a pet project to the 1st popular Vietnam guitar website with 50,000 daily visitors.
- Member of Google Developer Experts program, certificated Mobile Web Specialist.

Internet Profile

• **Personal website**
dinhquangtrung.net

• **Google Developer Experts**
goo.gl/1NpRu7

• **Stack Overflow**
stackoverflow.com/users/1420186

• **GitHub**
github.com/trungdq88

Work Experience

Honestbee Singapore *(Software Engineer, 1.5 years)*
Honestbee is a multi-country online food and groceries delivery service.

• **Building honestbee Payment Infrastructure (Technical Lead)**
  - Led a team of 5 to refactor/rebuild and fix legacy payment backend to support new requirements, processing 10+ millions of transactions monthly.
  - Unify in-app payment flows, built a flexible, extensible payment core allowing easy integration with new payment gateways, payment methods, local bank processing.
  - Support multiple gateways, flexible country based configuration control, allow business to maximize profit out of gateway deals and transaction rates.
  - Migrate payment flows away from legacy system in compatible manner with no downtime, work with BI team to restructure payment data schema and reports.
  - Improve operational efficiency on payment system for staff and customers.

• **BeePay wallet (Backend engineer)**
  - Work on multi-legged accounting system to manage users' balance and transactions safely while ensuring high throughput on merchant accounts.
  - Build APIs for wallet features: peer to peer funds transfer, personal QR Code, scan to pay merchant, transaction notifications…
  - Support new feature development on business experiments with beePay.

• **BeePay Merchant Products (Full-stack engineer)**:
  - Build SDK for POS (Point-Of-Sale) integration, allowing POS systems to accept beePay as a payment method, supports merchant acquisition.
  - Build *Payment Terminal* mobile app for merchants to collect beePay payments with different user flows.
  - Improve merchant management system to support multi hierarchy merchant account structure, merchant web portals, settlement automation and *SGQR* (Singapore standardized QR code for offline payments).

Tech stack: Ruby on Rails, ReactJS, PostgreSQL, Redis, Kubernetes

Offline Activities

Speaker at
★ Google I/O Extended 2016 → 2018
★ Vietnam Web Summit 2016
★ Google DevFest 2016, 2017
★ Google Day X 2017 HCMC

Mentor at
★ UNESCO Hackathon Vietnam 2018
★ Google Web Hackathon 2017
★ Progressive Web Apps HCMC 2017
★ Free Code Camp

MSV Technologies, 7-Eleven Vietnam *(Software Engineer, 1.5 years)*
MSV Technologies is the company responsible for all technology infrastructure of 7-Eleven Vietnam: in-store POS devices, CMS, CRM, loyalty app, merchant portals...

• **Built 7+ web management portals,** serving external partners and internal staff, processing large scale dataset, allow to manage every requirement of a modern retail system: inventory, products, suppliers, promotions, deliveries, reports…
• **Crafted 400+ unique screens** with ReactJS/Redux**,** built with a well maintained stable front-end infrastructure and up-to-date standards, covers by full tests pyramid: unit test, integration test, automation test, visual test.
• **Maximize automation and mobility**: continuous deployment pipeline with Docker; built internal tools: backend API simulation, in-app request recorder, app data inspector tool, time-travel debugging tool for QA team, JIRA bot, Slack bot…
• **Tech stack:** ReactJS, Redux, NodeJS, Webpack, Docker

Silicon Straits Saigon *(Full-stack Engineer, 1.5 years)*
Outsourcing company

• **Build a web crawler with Python using Scrapy** (most popular Python scraper library) to gather public dataset about restaurants, hotels and services in Singapore (project Goru). Set up data pipeline to extract-transform-load into data warehouse.
• **Management web portal** for project Goru. Goru is a service provide information for travellers to Singapore, integrate with many local agencies (hotel, restaurant, venue, travel services…) via mobile apps.
• **Built many small MVP projects**: build MVP/pilot ideas using React / NodeJS.
• **Tech stack:** ReactJS, Redux, NodeJS, Webpack, Docker

FPT Software *(Frontend Developer Intern, 8 months)*
Outsourcing company

• **Toshiba Smart TV** is a TV platform running web UI on an Android based device. The platform run on an in-house custom web framework similar to Angular 1. I take part in maintaining and developing new applications on the platform.
• **Learned to write JavaScript code that can run performantly** on an old browser and low specs devices. Use GPU acceleration to optimize rendering of CSS animation/transition and Web Worker to achieve the best user experience on the device.

Freelance works *(during college)*
• Built and shipped 20+ projects on implementing website templates from graphic designs, worked on WordPress/Joomla/Bootstrap, launched many landing pages and small shopping sites.
• Used to be an Android Developer, built and launched 5 large apps, 3 of which featured in Google Play with over 100,000+ downloads.

Side Project - Guitar Chords Website *(Founder, since college)*
• **Hop Am Chuan** (hopamchuan.com) is the most popular guitar chords sharing website in Vietnam. Hop Am Chuan is a platform where people share their best arrangement of song chords and search for the best song chords, we have more than 50,000 daily visitors and 5,000 active users. Apps available on the Web, Android, iOS.

• **Tech stack:** PHP, NodeJS, Docker, MySQL, CircleCI.

Achievements

★ **Mobile Web Specialist**
Google Developer Certification 2018

★ **2nd prize**
at Huawei Mobile Hackathon 2015

Career Objectives

to make money

Build awesome product

to learn   to have fun

Testimonials

"Quang Trung one of the most efficient co-worker that I have ever worked with. Thoughtful, reliable and strong expertise that make him a great team player, and by that way establishing influential connections to other team members."

Luong Tat Trung
Head of IT at MSV Technologies

Fun facts

• Play guitar
• Favorite hero: Storm Spirit
• Fashion sense: 0
• Maximum beer: 8

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