

# HUY TRAN

Senior Full-Stack / Front-End Engineer

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<https://github.com/huytd>

## PROFILE

I'm an experienced Software Engineer with expertise in design, building and maintenance of software systems. With strong experience in both front-end and back-end development, I'm confident to work effectively and self-manage during independent projects, as well as collaborate as part of a productive team. Aside from work, I enjoy spending my time building and contributing to open source projects, and on other hobbies like solving chess puzzles or drawing comics.

## TECHNICAL SKILLS

*Programming Languages:* TypeScript, JavaScript, Golang, Rust.

*Web Development:* HTML, CSS/SCSS, Bootstrap CSS, TailwindCSS, SVG Animation, HTML5 Canvas.

*Front-End Frameworks:* AngularJS, BackboneJS, React, Preact, Redux, Storybook, Material UI, D3.js, GreenSock Animation Platform (GSAP).

*Back-End Frameworks and Databases:* NodeJS/Express, Next.js, GraphQL, MongoDB, PostgreSQL, Redis, Rocket.rs, Diesel.rs, Actix Web.

*Testing and Automation Frameworks:* Karma, Mocha, Jasmine, Jest, Cypress, Puppeteer.

*Build tools:* Webpack, Parcel.

*Other interests:* Web Accessibility, WebAssembly, Docker.

## EMPLOYMENT HISTORY

### Senior Software Engineer at Synchrony Financial / Loop Commerce, Mountain View, CA

February 2018 — Present

Work on GiftNow, a customer-facing platform for product gifting, and a B2B2C platform for providing Gift Card solutions to retail stores across the US. My roles here included:

- *Architecture Design:* Design and build the React-based front-end architecture to replace the old system that was built using Backbone.js, that makes it possible for multiple teams to build and maintain multiple front-end applications at the same time.
- *Front-end Development:* Maintain our production application, handle production incidents, and collaborate with the designer team to build and test new features for the platform.
- *Mentoring:* Onboard, train and mentor new members as they join the team.

Some notable achievements:

- Designed, built and launched a new feature that increased the adoption rate of the product and drove the revenue of the platform up by 18%.
- Built a React-based design system to replace the old front-end stack (in BackboneJS) while everything was still running on production, increasing the performance and the team's productivity.

## **Senior Full-Stack Engineer at CareSkore, Mountain View, CA**

August 2015 — November 2017

Worked on a solution to employ machine learning to help physicians manage and predict the patient's risk better during the care program, and built an online communication system to help patients easily book appointment, visit doctors remotely. My main roles here included:

- *Architecture Design:* Designed and built the front-end architecture to help the team quickly build up new features/modules in isolation at ease. And also maintain the system across the stack.
- *Front-end and Back-end Development:* Worked closely with the data engineers and the designers to build new features for the system, being able to work on both sides of the stack helped me build things faster and more efficiently.
- *Mentoring:* Train and mentor the interns in the team.

Some notable achievements:

- Rewrote the data visualization system to use D3.js, made it possible to render a lot of charts/diagrams simultaneously without impacting the application's performance.
- Proposed and launched a new Git workflow that reduced the conflict between releases, hotfixes and helped the team collaborate more efficiently.

## **Full-Stack Software Engineer at Axon Active Inc**

November 2013 — July 2015

Worked in a consultant team to help companies in Europe build and maintain a variety of software products, from Mobile Banking, Mobile Payment to On-Demand Video Streaming platform.

## **iOS Platform Engineer at Gameloft Studio**

December 2009 — October 2013

Worked at iOS Platform team to integrate ads and reward systems into mobile video games before they got released to the store.

## **EDUCATION**

### **Bachelor's Degree in Computer Science**

University of Da Nang, Vietnam