
Louis Young

Front-end Software Engineer

[Web | Mobile]

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A front-end software engineer with a broad knowledge of **JavaScript** technologies and a creative **UI/UX** sense.

My career started in web development after graduating from university in 2015. Since then, I have been working on **front-end** programming for web and mobile applications for over **7 years** specializing reactive JavaScript technologies, exclusively using **React** and **Vue.js**.

As an accomplished professional in the field of **mobile app** development, I have a strong preference for utilizing **Ionic Framework**. My skill set includes full-stack development, with a focus on utilizing **Node.js** and **Laravel** as backend technologies.

I have a fervent passion for crafting **user-friendly interface** and optimizing its **performance**. I maintain a **detail-oriented** and conscientious approach to my work, ensuring a high standard of quality assurance.

For more information: <https://louisyoungh.vercel.app>

SKILLS

- ❖ HTML5, CSS3, JavaScript, TypeScript, PHP
- ❖ TailwindCSS, Chakra UI, Material UI, Bootstrap, Styled Components
- ❖ React, Vue.js, Svelte, Remix, Next.js, Nuxt.js, Gatsby, Inertia.js
- ❖ Redux, React Query, Mobx, Zustand, Pinia, GraphQL, Web3, Ether.js, D3
- ❖ Ionic, Capacitor, Electron.js
- ❖ Jest, Testing Library, Cypress
- ❖ PWA, SEO, SSR, SSG
- ❖ Node.js, Express, Nest.js, Laravel, MongoDB, PostgreSQL, MySQL
- ❖ Git, Agile/Scrum, Code review

EXPERIENCE



Meettrax, United States - *Front-end Web & Mobile Engineer*

NOVEMBER 2022 - PRESENT

Vue | Inertia | TypeScript | Pinia | Ionic | Capacitor | Laravel | MySQL | Redis | Pusher | TailwindCSS | PWA | Electron

<https://meettrax.com/>

- Was responsible for rewriting legacy endpoints, controllers, views to make transition to Inertia
- Established real-time communication with backend via socket connection
- Built meettrax mobile app from scratch utilizing Ionic/Vue to deployment as a sole developer
- Implemented offline capabilities with PWA service worker handling network requests and caching
- Composed reusable UI components crafted from Ionic & TailwindCSS and built utility functions for global use using Ionic APIs
- Adopted customized caching strategy for Pinia store to prevent unnecessary additional requests and reloading



Zebedee, United States - *Front-end Web & Mobile Engineer*

SEPTEMBER 2021 - OCTOBER 2022

React | React Native | Flow | TypeScript | Redux | Jest | Mixpanel | Web3

<https://zebedee.io/app>

<https://zebedee.io/developers/dashboard>

- Refactored entire CSS code with styled-components and implemented complex UI elements
- Designed and developed core modules such as bitcoin lightning invoicing using Web3
- Streamlined codebase by swapping legacy Redux store for ReduxToolkit
- Converted React codebase from Flow to TypeScript for improved reliability and readability
- Owned product analytics feature utilizing Mixpanel
- Composed unit testing code with React Testing Library and Jest



Blocket AB, Sweden - *Full-stack Web & Mobile Engineer*

FEBRUARY 2019 - JULY 2021

React | TypeScript | Next.js | Ionic | Capacitor | MaterialUI | GraphQL | Express | Prisma | PostgreSQL | Socket.io | Cypress

<https://www.blocket.se>

<https://www.blocket.se/om/blocket-mobil-app>

- Refreshed UI with new Figma design for both web and mobile, creating reusable components utilizing MaterialUI
- Optimized performance and improved UX by minimizing payload, code-splitting, lazy-loading, memoization/caching, and image optimization
- API integration and state management using GraphQL Apollo
- Spearheaded mobile app development with Ionic, React, Capacitor
- Resolved device-dependent (iOS/Android) issues
- Developed GraphQL schema, queries, and mutations in the early stages of backend
- Automated real-time notification with Socket.io in Node.js backend
- Implemented e2e testing with Cypress.io



Pyszne Food Tech, Poland - *Freelance Mobile Developer*

DECEMBER 2017 - DECEMBER 2018

Vue | Ionic | Cordova | TypeScript | Pinia | TailwindCSS | D3

<https://apps.apple.com/us/app/pyszne-pl/id1039818673>

<https://play.google.com/store/apps/details?id=com.yourdelivery.pyszne&hl=en&gl=US>

- Translated design team's UI/UX wireframes and mockups with TailwindCSS into well-organized and component-driven code
- Implemented core modules while closely working with QA team and promptly reflecting needs of various clients and business objectives
- Rewrote all Pinia-based state management code with Vuex to utilize Vuex caching
- Strategically migrated legacy JavaScript codebase to TypeScript
- Data visualization with D3



FlorAccess, Netherlands - *Freelance Web Developer*

NOVEMBER 2016 - SEPTEMBER 2017

Vue | Vuex | Vuetify | ElasticSearch | Stripe | Node.js | MongoDB

<https://www.floraccess.com/en/>

- Translated approved designs into a fully functional website with Vuetify and Vuex store.
- Integrated Stripe's checkout platform to facilitate secure payments for customers.
- Built API endpoints with Node.js, MongoDB, and mongoose to enhance platform flexibility.
- Accelerated search speed and capabilities by integrating ElasticSearch into the application.



Michael Hill Jeweller, Australia - *Freelance Web Developer*

NOVEMBER 2015 - OCTOBER 2016

React | Next.js | Redux | PWA | Laravel | MySQL | CRM

<https://www.michaelhill.com.au/>

- Applied server-side rendering and static site generation and increased SEO with Next.js
- Modularized components and reorganized Redux store by modules
- Developed CRM dashboard for data analysis and visualization (jQuery, Chart.js, Google Map)
- Collaborated closely with backend devs to improve MySQL query efficiency

EDUCATION



Hong Kong University of Science and Technology (HKUST)

Bachelor of science (BS), Computer science

SEPTEMBER 2011 - SEPTEMBER 2015