Louis Young

Front-end Software Engineer
[Web | Mobile]

Rue du Maupas 33, Lausanne, Switzerland
louis.young0420@gmail.com
+41 225480193

A full-stack software engineer (front-end heavy) with 7 years of experience embracing a wide range of **JavaScript** technologies and creative **UI/UX** sense. I am a senior front-end engineer who has worked in several companies mostly using **React** and **Vue.js**. I am a seasoned expert in mobile app development using **Ionic** preferably.

I have a passion for user-friendly interface and its **performance**, and am often praised as a person who has a good eye for design. **Detail-oriented** and **responsible** work attitude brings high-level quality assurance, meaning that I am obsessed with writing code that is efficient, reusable and reliable.

Backend experience of mine includes **Node.js**, Express, **GraphQL**, MongoDB, PostgreSQL mostly as well as more traditional technologies like **Laravel** and MySQL.

For more information: https://louisyoung.vercel.app

SKILLS

- ❖ JavaScript, TypeScript, PHP, TailwindCSS, Material UI, ChakraUI
- ❖ React/React Native, Vue.js, Svelte, Angular, Solid.js, Ember.js, Ionic, Electron.js
- ❖ Inertia.js, Next.js, Nuxt.js, Quasar, Gatsby, Livewire, Redux, React Query, Mobx, Zustand, Pinia, Web3, Ether.js, Jest, Cypress, D3
- ❖ Node.js, Express, Nest.js, Laravel, GraphQL/Apollo, 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 | iOS | Android | Laravel | MySQL | Redis | Pusher | TailwindCSS | PWA | Electron

https://meettrax.com/

https://apps.apple.com/app/meettrax/id6446056839

- 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 such as skeleton loader 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 framework 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 | Apollo | Node.js | 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 - *Front-end 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 visualiazation with D3

FlorAccess, Netherlands - *Full-stack Developer*

NOVEMBER 2016 - SEPTEMBER 2017

Vue | Vuex | Vuetify | ElasticSearch | Stripe | Node.js | Express | 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 - *Front-end Web Developer*

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

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

- Optimized website performance and increased SEO, applying SSR/SSG with Next.js

- Modularized components and reorganized Redux store by modules

- Created unique spaces for marketing ads within landing pages with custom CSS

- 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