Louis **Young**

Full-stack Software Engineer **(FE-heavy)**

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A full-stack software engineer with a strong emphasis on **front-end** development particularly in **JavaScript**, **PHP,** and **Python** technologies.

I have been working on front-end programming for **web** and **mobile** applications for **7 years** specializing in JavaScript SPA frameworks, particularly using **Angular**, **Vue.js,** and **React**. I'm also skilled in **cross-platform app** development, where I favor using **Ionic Framework** and **Capacitor**.

My skill set also includes server-side development, focusing on utilizing **Node.js**, **Laravel,** and **Django** as my primary backend tools.

I'm a **passionate** and **dedicated** person. I have a passion for crafting **user-friendly interface**s and optimizing **performance** and **SEO**. I'm known for paying close **attention to detail** and maintaining **high quality** in my work.

For more details about me, please visit my website.

SKILLS

❖ **FE:** React/Next.js, Remix, Vue.js/Nuxt, Angular, Svelte/SvelteKit

❖ **PWA, Mobile and Cross-Platform Development:** Ionic Framework, Capacitor, Electron, Vuetify, Quasar

❖ **Favorite Libraries:** Tailwind CSS, Redux/Toolkit, Pinia, Apollo/GraphQL, Inertia.js, Storybook, Jest, Testing Library, Vitest, Cypress

❖ **BE:** Node/ExpressJS, NestJS, Laravel, Django, Flask, MySQL, PostgreSQL, MongoDB, Redis, ElasticSearch

❖ **DevOps:** Nginx, Firebase, Supabase, Netlify, Vercel, Docker, GitHub Actions

❖ **Soft Skills:** Continuous learning, Attention to detail, Effective communication

PROFESSIONAL EXPERIENCE

Wolftech Limited, Remote - *Software Engineer*

OCT 2022 - PRESENT

Vue | Nuxt | TypeScript | Tailwind CSS | Pinia | Capacitor | Django | ElasticSearch

Conducted cross-platform development for web, iOS and Android platforms for **CrowdFeed** project on a single codebase using Capacitor

- Translated the design team's UI/UX wireframes into highly reusable and component-driven code with TailwindCSS customization

- Maximized user experience by implementing various interesting functionalities such as keyboard navigation

- Optimized website performance by SSR, minimizing payload, code-splitting, lazy-loading, memoization/caching, and image optimization
- Reduced product maintenance cost by introducing customized solution for automatic app upgrade for users

sporttrax, Remote - *Full-stack Engineer*

AUG 2021 - JUL 2022

Vue | Inertia.js | Electron | Vuex | Ionic Framework | Laravel | MySQL | Redis

Development and maintenance of **web**, **mobile**, and **desktop** apps of **meettrax** project

- Migrated TALL-stack project to pure JavaScript SPA with Vue.js and upgraded existing Vue 2 codebase to Vue 3 with Composition API
- Established seamless client-server communication by rewriting Laravel endpoints with Inertia.js
- Built meettrax mobile app from prototype to deployment as a sole developer with Ionic Framework and Cordova along with Vue
- Involved in the development of a light-weight desktop app using Electron
- Implemented complex business logic for real-world sports games like track and field and cross-country.
- Wrote unit and feature tests using Pest and PHPUnit on Laravel backend

Azilen Technologies, Switzerland- *Full-stack Developer*

OCT 2017 - AUG 2021

React | NextJS | TypeScript | Redux | Angular | ExpressJS | NestJS | Django | Flask | PostgreSQL | MongoDB | ElasticSearch | GraphQL | Jest | Cypress

- Developed and maintained full-stack applications using React and NextJS for front-end interfaces, and Django for robust backend services, ensuring seamless integration with PostgreSQL and ElasticSearch databases.
- Successfully delivered high-performance web applications by integrating Angular, NestJS, and MongoDB for efficient data management
- Strategically migrated legacy JavaScript codebase to TypeScript
- Implementing complex state management solutions using Redux and streamlined codebase by swapping legacy Redux store with ReduxToolkit
- Composed unit testing and e2e testing code with Jest, Vitest, and Cypress
- Developed RESTful APIs with Node.js and transitioned the RESTful services to a GraphQL-based architecture using Apollo

EDUCATION

HKUST - Hong Kong University of Science and Technology

Bachelor of Science in Computer science

2013 - 2017