Harrison Kim

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Profile

    I am a software engineer focusing on full-stack web development. Particularly interested in designing the architecture of various applications to deliver the most effective and efficient products. With strong attention to detail and excellent problem-solving skills, I enjoy writing logically succinct and easy-to-read/maintain code.

Work Experiences

dandycv - Freelance Web Development (**Next.js**)   Jun 2023 - Sept 2023

- Implemented secure authentication by utilizing **NextAuth.js**.
- Enabled flexible payment options for subscriptions through **Stripe**.
- Implemented multi-language support using **i18next** for seamless localization and translation capabilities.
- Developed an email notification system with **Resend** for general notices and the forgot password feature.

modzee Software - Full Stack Engineer (**Laravel & Vue.js**)   Dec 2021 - Jan 2023

modzee Shop (a multi-vendor marketplace)

- Architected and developed an e-commerce platform with comprehensive functionality for orders, shipping, inventory, and store pages.
- Integrated **Stripe** payment system to ensure seamless and secure transaction.

modzee Notes

- Utilized **Pusher** for real-time collaborative editing to foster seamless collaboration and enhancing productivity.
- Developed **responsive layout** adaptable to diverse screen sizes.
- Enhanced search accuracy by 30% through the implementation of tag-based search functionality.

Global/site-wise search functionality

- Achieved a 60% improvement in search result accuracy through the implementation of sorting, filtering, and pagination features.
- Optimized **SQL** DB queries to elevate search performance.

Localization (English and French)

- Utilized **i18next** to support multi-language functionality.

Recent Projects

mosPic (Next.js)   May 2023 - Current

- Developing AI-powered (**Segment-Anything**) image editing tool, revolutionizing image manipulation capabilities.
- Designed and built canvas, editor, and gallery pages with meticulous design and implementation.
- Managing a team of five individuals as a project manager with **Agile methodology**.

Skills

HTML5 | CSS3 | Tailwind | Responsive Design | JavaScript (ES6, ES5) | Next.js (React.js) | Node.js (Express.js) | Laravel & Vue.js | TypeScript | jQuery | SQL & NoSQL (MongoDB) | Python | Java (OOP) | AWS | Nginx | Version Control (Git) | Figma | Jira | TDD | Agile | Communication | Leadership | Time management | Prioritization | Teamwork

Education

University of Manitoba

B.Sc Computer Science