Harrison Kim

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Summary

Software developer with 2.5 years of web development experience, specializing in data processing, AI integration, and eCommerce. Skilled in payment systems, UX optimization, and team collaboration. Passionate about delivering high-performance, maintainable solutions that drive business growth.

Skills

Programming: JavaScript (React.js / Next.js, React Native) | TypeScript | SQL | NoSQL | REST API & GraphQL | Python (Flask) | PHP (Laravel) | Java (OOP)
Cloud & DevOps: AWS (EC2, Lambda, S3, RDS) | Docker | CI/CD | Git | Agile/Scrum

Work Experience

Freelance Full Stack Developer   Jan 2024 - Present, Remote
- Built custom web apps across industries, streamlining communication and planning, and delivering scalable, production-ready architecture with long-term maintainability.

Full Stack Developer, SERA S   June - December 2023 (Contract), Remote
- Integrated *Stripe* for secure payments, streamlined workflows by 35%, and improved checkout UX.
- Developed *REST API*, improving system reliability and reducing response time by **30%**.
- Led a team of 4, collaborating with cross-functional teams to expedited project delivery by **25%**.

Full Stack Developer, modzee Software   2021 - 2023, Hamilton, ON (Hybrid)
- Built scalable *SaaS-based modules*, boosting user engagement by **27%** via efficient workflows.
- Improved site-wide search with PostgreSQL full-text indexing, cutting query time by 35%.
- Migrated frontend from *jQuery* to *Vue.js*, reducing load time by **20%** and improving UX consistency.
- Automated *AWS* infrastructure deployment across Dev, Staging, and Prod for efficient releases.

Projects

Fitness Tracker   Apr 2025 - Present
- Architected a fitness tracking app with *React Native* with real-time tracking, goal customization, and production scalability in mind.
- Incorporated AI-driven logic to generate efficient, personalized workout routines based on user goals and activity history.

Real-time Chat Application   January - June 2024
- Built a scalable chat app using **Firebase Auth & Firestore** for real-time messaging.
- Designed UI prototypes in **Figma** and crafted database schemas, delivering comprehensive documentation that enhanced maintainability.

Image Segmentation Tool with AI   May - July 2023
- Utilized **Google CoLab** to process **META's AI-driven image segmentation model**, integrating it into a web-based image editing tool.
- Improved **development efficiency by 20%** through **Agile/Scrum and CI/CD**.

Education

Bachelor of Science - Computer Science   2015 - 2020
University of Manitoba