SANGMIN(TYLER) KIM

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Skill Sets **Backend**: Ruby on Rails (Ruby), Laravel & CodeIgniter (PHP), Flask (Python) **Frontend**: Vue & React with Typescript

**Database**: RDMS(PostgreSql, MySql) and NoSql (Redis, MongoDB) **Environment**: AWS, Heroku, Docker

Experience

**Senior Backend Engineer**, Jobscan at Seattle, WA, U.S. 2024.Mar - Present

* Improved the accuracy of regex-based resume parsing from 75% to 90%, handling diverse edge cases across multiple resume formats.
* Rewrote and simplified an unmaintained codebase acting as a proxy between the backend and internal AI system, enabling seamless integration with an external AI service instead.
* Increased test coverage for critical business logic to 90%, ensuring system reliability and maintainability.
* Collaborated closely with QA to ensure smooth test coverage and release validation, delivering clear expectations through images, walkthroughs, and tutorial videos.
* Authored comprehensive documentation for legacy codebases with unit tests, feature tests, and end-to-end tests to preserve institutional knowledge and support onboarding and future development.
* Achieved **250% of PR review OKR** for consecutive review periods, contributing significantly to team velocity and code quality.

**Backend Developer** at Sign In Solutions in Burnaby, BC, Canada 2019.Jul - 2023.Nov

* Resolved critical data integrity issues involving **1.4 million duplicated or missing records** by identifying root causes and implementing durable, preventative solutions.
* Designed and developed RESTful APIs to enhance system integration, significantly improving frontend–backend communication and database efficiency.
* Maintained close collaboration with stakeholders, product managers, QA, and developers to align on both short- and long-term product goals.
* Proactively volunteered and maintained an iPad application using AngularJS to alleviate frontend workload; quickly adapted by leveraging prior experience with Vue.js and React.

**Full Stack Developer** at Carbon 60 in Vancouver, BC, Canada 2016.Sept - 2019.Jun

* Introduced a broader range of modern tech stacks to a traditionally WordPress-focused company, expanding technical capabilities.
* Mentored and trained team members on new technologies, empowering the company to support a wider client base with diverse and modern technical requirements.

**Full Stack Developer**, Self Employed in Vancouver, BC, Canada 2013 - Present

* Designed a cost-efficient database schema and refactored 56 tables down to 26 for a medium-sized web application, preserving all critical data.
* Refactored legacy code and implemented comprehensive testing, achieving **90% test coverage** from an initial baseline of zero.
* Identified performance bottlenecks and optimized database queries, reducing average queries per page from **48 to 4**.
* Developed an **automated interview scheduling system** for KOTRA using Laravel, reducing manual workload from **60 hours to 2.5 hours** per event.

**Software Engineer,** Westview Inc; Coquitlam 2012 - 2013

**Web Developer,** K&K Canada Consulting; Coquitlam 2010 - 2012

Education

**BCIT,** Diploma in Computer Systems Technology 2007 - 2009