

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)
Dev Environment: AWS, Heroku, Docker

Experience **Backend Developer, Traction Guest Inc; Burnaby, BC** **2019 - Present**

- Resolved critical data defects by investigating issues related to duplicated (**1.4m records**) and lost data. Implemented enhanced solutions to prevent further data loss.
- Implemented RESTful APIs to enhance system interactions and optimized database performance, ensuring smooth communication between the frontend and backend systems.
- Documented findings related to legacy code, playing a key role in preserving institutional knowledge and supporting continuous development initiatives.
- Ensured consistent communication with stakeholders, project managers, quality assurance teams, and developers to provide updates on both short and long-term roadmaps.
- Produced captivating demo videos enriched with humorous memes, skillfully utilizing them to facilitate knowledge-sharing sessions with teams.
- **Bonus:** independently worked on an iPad application built with AngularJS to unload pressure on the FE team. Embraced the challenge, leveraging previous Vue and React knowledge to quickly adapt to AngularJS.

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

- Designed a cost-effective database schema and successfully refactored 56 tables to 26 tables for a medium-sized web application without losing any important data.
- Achieved 90% test coverage from zero on legacy codes and successfully refactored them.
- Investigated bottlenecks and fine-tuned queries. Reduced the number of queries per page request from 48 to 4.
- Increased the number of maximum active users the site can handle from 500 to 10k.
- Automated manual interview scheduling tasks for KOTRA using Laravel; Dramatically reduced their work hours from 60hrs to 2.5 hrs.

Full Stack Developer, Carbon 60 (formerly Gossamer Threads) Vancouver, BC **2016 - 2019**

- Introduced a wider spectrum of tech stacks, such as Laravel, CodeIgniter, React, Vue, and TDD development, to a WordPress-oriented company.
- Inspired, educated, and trained the team to learn new tech stacks, resulting in enabling the company to host more clients requesting modern tech stacks.

Software Engineer, Westview Inc; Coquitlam **2012 - 2013**
Web Developer, K&K Canada Consulting; Coquitlam **2010 - 2012**

Personal Achievements

- Owning +700 board games & have written 400+ board game reviews for 10+ yrs.
- Mentoring and training two junior devs, guiding them from fundamental to advanced skills.

Education

- British Columbia Institute of Technology - Diploma **2007 - 2009**