SANGMIN(TYLER) KIM

#3006 9888 Cameron Street, Burnaby, BC V3J0A4

T. 778.318.5586   E. sangmin.tyler.kim@gmail.com   L. linkedin.com/in/sangminkim

Skil Sets   Backend: Ruby with Ruby on Rails, PHP with Laravel & CodeIgniter, **a bit of Python** with Flask
Frontend: Vue with Typescript, **AnguarJS**, a bit of React
Database: **PostgreSQL**, Mysql

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

- Joined as Backend Developer and self-taught **Ruby on Rails and AngularJS.**
- Temporarily changed career to full stack dev for the team and played a significant role in harmonizing & filling the knowledge gaps among Backend and Frontend devs.
- Analyzed and found critical issues both in Backend and Frontend that risk the core of the business when major glitches were discovered
- Planning strategies to gracefully deprecate a table with 1.4m records and leading the on-going project

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

- Self-taught and professionally wrapped up all the abandoned projects relying on various tech stacks such as **Vue, React, Flask, WordPress and custom web framework**.
- Normalized, and refactored 56 tables down to 26 tables for a medium-sized web application without losing data.
- Refactored poorly performing legacy codes from zero to near 90% test coverage; Fine-tuned and reduced 48 queries per page request down to 4 queries; Increased the number of maximum active users the site can handle from 500 to 10,000+
- Automated tedious and repetitive manual interview scheduling tasks of KOTRA using Laravel; Reduced their average 60~70 hrs worth of work down to 2 hrs.

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

- Self-taught and introduced a wider spectrum of tech stacks such as **Laravel, Codeigniter, React, Vue, and TDD** to the WordPress-oriented company.
- Inspired, educated, and trained the team to learn new tech stacks other than WP and jQuery; Resulting in enabling the company to host more clients requesting modern tech stacks.
- Introduced **SMACSS** (Scalable and Modular Architecture for CSS) methodology for manageable and reusable codes; Standardized css conventions for the company.

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

- Maintained and refactored the legacy codes for POS with proper tests
- Self-taught and developed a mobile app to enhance customers' shopping experience
- Increased the performance of the barcode scanner on the mobile app by optimizing the database.

Personal Achievements

- Owning 700+ & have written 300+ board game reviews for 10+ yrs; 3.6m words in total.
- Mentoring 2 Jr. devs and planning to teach **Python, FastAPI, and Svelte** for toy projects with them.