

TONY KO

Full Stack Web Developer

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TO WHOM IT MAY CONCERN

This letter is an **application** for a **Intermediate Front End Developer** position at **Havas Toronto**.

Although I do focus on Front End, you'll find I have a range of **Full Stack** skills via my **previous agency experience**:

- **Frontend:** Vue.js, Ractive.js, Responsive SASS, AODA AA, i18n, React (WIP).
- **Backend:** Node.js, Gulp.js, Webpack, Koa/Express.js, PHP, Python, Rest API with authentication.
- **Database:** MySQL DB design, flat JSON db, web scraping.
- **SEO:** Google Analytics & Tag Manager, Bing Analytics.
- **Platforms:** Shopify, Wordpress, Joomla, MS Dynamics CRM, Pantheon
- **Sysops:** Docker Container Deployment, Continuous Integration & Deployment (CI/CD).
- **General:** JS ES6, Docker, AWS, Bash, Git

As well as relevant **Design** skills from my time at OCAD and in Interior Design.

- **Image Production:** Sketch, Draw.io, Photoshop, Illustrator, Indesign
- **Design concepts:** Color Theory, Basic UX & UI, Web Graphics.

I'm very familiar with what it takes to write high volume bilingual applications, portals, contests, ecomm catalogs, CMSes, api backends, etc. Personally, I feel agency work is very suited to me as it's fast pace, flexibility and structure is just right to "get stuff done™".

Hopefully, my **technical skills**, along with my **attached resume and recommendation**, fits the position at Havas Toronto for a competent, adaptive and passionate full stack developer. If so, feel free to contact me, I would be very happy to discuss further.

Best,

Tony



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PROJECTS

All projects are bilingual, mobile friendly, AODA AA compliant, SEO, Google Analytics / Tag Manager enabled.

babyjogger.ca - Catalog Site - Full Stack

Completely recreated US site in Ractive.js & Koa.js. Wrote e-comm style faceted sort catalog pages, 360 / Photo / Video product viewer, custom CMS, and scraper scripts to help with DB entry. Browser based i18n.

monogram.ca - Catalog Site - Full Stack

Created new Ractive.js & Koa.js based catalog site with faceted sort modules, product viewer modules, API scripts for DB entry. Modified carousel module to display product showcases throughout site.

realcanadianthanksgiving.ca - Coupon Contest Site - Full Stack

Rewrote contest site in Ractive.js & PHP with new design. Wrote unique coupon dispensing logic, contest expiry logic, pin verification logic, new flip clock style countdown, coupon service integration.

weiserlock.com - Catalog Site - Full Stack

Wrote new Ractive.js catalog site and a new Pug.js custom html generator due to server restrictions. Since there is no backend, wrote faceting / sort module that works on browser side for catalog pages.

spin2win.brandfire.ca - Instant Win Contest Site - Full Stack

Wrote new instant-win contest site with interactive spin-to-win pin mechanic, via Vue.js & Pug.js. Utilized GSAP.js to create spinning wheel animations. Wrote new contest engine with entry validation, error handling.

bringyourtoyotahome.ca - Contest Site - Full Stack

Wrote a very cool Vue.js & Koa.js instant-win contest site with scroll parallax fly in animations. Utilized GSAP.js timelines to coordinate CSS animations with scroll action. Implemented docker and continuous delivery (CD) to help with deployment.

toffifee.bfmfg.ca - Instant Win Contest Site - PM & QA

Coordinated AMs and Dev process and timelines for an instant-win pin contest. Create testplan, budget breakdown and spec docs. Perform cross browser, contest entry, bugfix QA following test plan and timeline. Manage internal ticketing.

covrmedical.ca - Shopify & Wordpress Portal - Front End

Created Shopify inventory, shipping and logistics data entry templates. Implemented header / footer designs from Wordpress PHP to Shopify's Liquid template. Integrate Shopify cart on Wordpress front end.

ccpaonline.ca - MS Dynamics Portal - Front End

Integrate complete existing site from Express.js & Ractive.js to MS Dynamics 365 portal. Wrote interactive news infographic within site with complex CSS & JS based animations.

EXPERIENCE

Ko's Interior Design, Toronto - Jul 13' to Sep 16'

Interior Designer - 3 yr 3 mo.

Design and manage projects in coordination with clients, contractors, suppliers, and schedules. 40+ Projects.

Brandfire Marketing, Markham - Apr 17' to Dec 18'

Intermediate Front End Developer - 1 yr 6 mo.

Develop compelling multilingual full stack web applications from the ground up for international clients.

EDUCATION

OCAD University, Toronto - 13' to 16'

B.Des - Environmental Design, Completed 3 of 4 Years

Interior, Architectural and Civil design.

freeCodeCamp, Remote - 16' to 17'

Certification - Front End Development, CSE

SASS, REST Api, Algorithms and JS frameworks.

RECOMMENDATIONS

Tony and I worked together on several web projects at Brandfire Marketing Group, where he was the front-end developer and I was the QA/project coordinator. Tony was meticulous in his work. For all the tasks he was required to do, he would complete them in a timely manner. He was not one to just “do the job”, instead he went above and beyond to ensure the work was well optimized and documented in a way that was easy to read.

In addition, Tony's insightful ideas and willingness to learn made him a great teammate for us. We loved having him on our team! It was truly a pleasure working with Tony and I highly recommend him as an exceptionally talented developer.

- Billie Law

When Tony joined us, we were looking for a intermediate front-end developer. He surpassed our wildest expectation by proving himself to be a high-calibre front-end developer and a competent back-end developer. Being a quick learner, he was able to master our unique technology stack and churning out quality code in no time. Giving general direction, he could work autonomously, yet he was forthcoming when hitting snags and worked with the team constructively to solve those problems. Tony is detail oriented, a thorough and diligent document writer. He will be a strong asset to any team.

- Dirksen Liu

As a Digital Project Manager there is always some concern about properly vetting a candidates' skills, work ethic and working style.

Tony exceeded the project teams expectations in that in addition to being extremely agile and strong in Front End Development, he is also strong in Back End Development which aided in expediting the project timeline and exceeding client expectations. He holds a strong design background and advanced knowledge of technical systems on both Mac and PC, and possesses ability to fluidly alternate between them.

Other qualities which he brought to the project and the team was a strong self-sufficiency, ability to manage his workload with minimal oversight, strong technical and communication competency, strong ability to work with cross-functional and cross-cultural teams and is extremely knowledgeable about the agile development process. His keen sense of UX and Design Patterns enabled him to fill gaps within the project team.

Tony is able to handle working on multiple concurrent and vastly varying projects with ease; and has always under-promised and over-delivered which makes him an extremely strong asset to any company or team.

- Maritia Singh