

TALENT ZENG

FRONT END DEVELOPER

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Waterloo, Ontario, Canada

Programming

Frameworks

Angular.js

React.js, Redux & Saga

Ant design

Meteor.js

Languages

Python, C

Javascript

HTML/CSS, Jade

Libraries

Highchart.js / d3.js

Bootstrap

Sass

Git, npm, gulp

Unit testing

Enzyme

Mocha

Jasmine

Chai

Flow

Summary

Front end developer (ES6) with 3+ years of work experience designing, prototyping, and developing enterprise websites. Specializes in React, Redux, Javascript and building modularized web components for long term sustainability.

Experience

Front end engineer - Feature lead, Sandvine

Sept 2017 to Present (Waterloo)

- Built a web platform that manages massive distributed network of servers in clusters instead of individually, saving **100 hours/week** of manual work (React, Redux, Saga).
- Built a sales platform for sale engineers to quickly license and sell all Sandvine products to their clients, leading to **3 hours less work per sale**.
- Built business intelligence tools that analyze, monitors and optimizes all traffic across all networks (Angular.js).
- Built the company's **custom CSS theme module** to use across all their platforms.

Front end developer, Looka (formerly logojoy)

May 2017 to Sept 2017 (Toronto)

- Built a feature that cut SVG font imprints in canvases by **reversing SVG paths**.
- Built a feature for the logo generator to align all SVG fonts and icons inside a logo container using **geometric SVG calculations** (Javascript).
- Improved the logo editor performance from **3 seconds to 10ms**. Resulting in real-time response while editing logos.
- Built a feature that scale and position logos to **look realistic** in any image or product (t-shirts, banners, doors, mugs).

Software engineer, Skywatch (NASA funded)

Sept 2015 to Dec 2015 (Kitchener)

- Built a comparison tool to detect moving objects from satellite images to track **real-time** space activities such as asteroids, supernovas, and other astronomical events.
- Built graphs and analytic tools provided by NASA for astrophysics research (d3).
- Built Skywatch's system admin to **configure** and **monitor** daily incoming data from NASA and user activities.

Process engineer, Scotiabank

Jan 2014 to Aug 2014 (Toronto)

- Built a web app that collects all completed tasks from each employee and creates a report for their managers to analyze, saving **2 hours/day** of manual work (Javascript).
- Developed a script that automatically checks for errors in balance sheets reports. Decreasing calculation errors from **60% to 95%** (VBA).

Co-founder, Leafii

Jan 2016 to Aug 2016 (Waterloo)

- Created a search engine for personal websites using **Meteor.js** and **Angular.js**.
- Managed a team of 5 and **delegated tasks** to interns using Trello.
- Marketed Leafii to portfolio owners and recruiting companies.

Education

University of Waterloo

Bachelor of Science, Mathematical physics, class of 2017