

HARSH SHETH

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Passionate about making fast and scalable web applications, with an emphasis on making a beautiful UI and facilitating the best user experience. All my projects are on my website!

Skills

LANGUAGES

C/C++
Python
Javascript
Golang
Bash
SQL

FRONTEND

React
Sass
HTML5
CSS3
StoryBook
Jest

BACKEND

Node.js
Golang
AWS Lambda, API-Gateway, SQS, SNS, RDS
Objection.js
Express / Hapi.js
PHP
MySQL
GraphQL
Swagger

TOOLS / ENVIRONMENTS / INTEGRATIONS

Git
Unix
Figma
Photoshop
Stripe
Postmark

Employment

Bonfire

Full Stack Web Developer

Kitchener, ON

June 2019 to Sept. 2019

- Built a **serverless** full stack web application that connected vendors to new buying opportunities
- Created a **minimized** and **scalable** frontend in **React.js** using the **Material UI** library
- Created a **scalable** and **change resistant** API in **Node.js** using **Objection.js** ORM, **GraphQL**, **AWS Lambda**, **RDS** and **API-Gateway**
- Tested the API to **98% code coverage** using **Jest**
- Integrated full payment flows using **Stripe** and email services using **Postmark**
- Connected the application to a traditional **PHP** and **AngularJS** monolith using **AWS SNS** and **SQS** which triggered **Golang** micro-services and allowed development with minimal interference with the core app team
- Built the full application from scratch in 2.5 months with a team of 5 developers and generated over **\$10000** in revenue in 3 weeks
- Personally developed a full-stack internal tool in my free time using **React**, **API Gateway**, **Node.js** and **AWS Lambda** that was used to categorize and add over **1000** buying opportunities and **doubled** the amount of projects on the application

PVelocity

QA/Implementation Engineer

North York, ON

June 2018 to Sept. 2018

- Implemented a test harness written in **Node.js** using **MongoDB** and **MySQL** that aggregated and presented test data in a way that allowed the user to analyze trends and locate the source of error quickly and effectively.
- Reduced daily integration testing time by **2 hours** by automating specific tasks that were formerly done manually.
- Automated nightly integration tests for a CRM platform using **Node.js** and **Batch** files.

Projects

What should I watch? | Javascript, HTML5, React, CSS3

An in progress web app written using **React** and **Node.js** which can be used to share lists of movies and TV shows with friends, much like one would share song playlists. It solves the age old question of "What should I watch?". All UI elements are built using raw **JS** and **CSS**.

Focus | Javascript, HTML5, React, CSS3

A **React** web app that allows users to work without distractions and provides the minimum necessary tools required to study and finish any required tasks

Various Web Projects | Node, Javascript, Python

Various projects experimenting with and learning about different areas of the web. Projects include **Chrome extensions**, **Pong** in javascript, a **Node package**, a weather application and **Python** scripts to poll web APIs.

Two Player Tetris | C++

Two Player Tetris game which can be played in the terminal or an **XWindows** GUI. Made within 2 weeks in a group of 3 using **XQuartz** and raw **C++**. Designed with software scalability in mind using all of the latest **OOP** design patterns and paradigms.

Education

University Of Waterloo | Candidate for Bachelor of Computer Science | 3A

Pursuing the Human-Computer Interaction option

Sept. 2017 to Current