Kashav Madan

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EDUCATION

University of Toronto

H.B.Sc., Computer Science
Expected graduation, April 2019

SKILLS / TOOLS

Development

Node.js

Python

PHP

JavaScript (React, Angular, jQuery)

Java

Go

Ruby (Rails)

SQL / NoSQL

HTML5 / CSS3 (SASS, LESS)

Other

*nix

Bash

Git / SVN

Docker

AWS / Digital Ocean / Heroku

LaTeX

Agile (JIRA)

TestLink

Illustrator / Photoshop

Sketch

WORK EXPERIENCE

Ontario Public Service   MAY – SEP. 2016
Web Developer

Developed, designed, and tested software and tools for enterprise-wide Intranet platform for over 30 000 users.

Contributed to various technical components including site-wide search (Elasticsearch) and server-side caching (Redis).

Built and maintained core presentation platform using PHP (Slim) and jQuery.

App Mastery   MAY – SEP. 2016
Junior Software Developer

Built native Smart TV applications for video and audio streaming.

Utilized various web technologies with client APIs to design, develop, and deploy for Tizen (Samsung) and WebOS (LG) platforms.

Empower Youth Vision   MAY – NOV. 2015
Web Developer

Redesigned and built website to improve content scalability and ease of use.

Developed various technical solutions to streamline and automate business processes, including data entry and member onboarding.

SELECTED PROJECTS

Other projects available at **github/kshvmdn**.

Chapsule, http://chapsule.com   ONGOING (2015)
Platform to collaboratively collect, share, and view photos and videos at events.

Lead development of RESTful API (Node.js, MongoDB) and iOS / Android mobile applications (React Native, Objective-C / Java).

Implemented server infrastructure on AWS with Docker for fast and clean builds and deploys.

nba.js, kshvmdn/nba.js   AUG. 2016
JavaScript (Node.js & browser) library to interface with current and historical NBA data (player/team/tracking stats, scores, standings, etc).

Brampton Transit API, kshvmdn/brampton-transit-api   MAY. 2016
REST API to interface with live Brampton Transit bus times. Built with Node.js, Redis.

SEEN it, kshvmdn/seen-it   APR. 2016
Web platform to stream videos via Reddit, a replacement for the deprecated reddit.tv, built with React.

Show Me a Movie, kshvmdn/show-me-a-movie   FEB. 2016
Command line interface to stream movie torrents via The Pirate Bay, using the IMDb movie index. Built with Node.js, available on npm.