

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)
Swift
Java
Go
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](https://github.com/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](https://github.com/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).

SEEN it, [kshvmdn/seen-it](https://github.com/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](https://github.com/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.

Next Ride API, [kshvmdn/next-ride-api](https://github.com/kshvmdn/next-ride-api)

DEC. 2015

REST API to interface with live Brampton Transit bus times. Built with Node.js, Python and RethinkDB.