

# Milind Shah



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## Experience

### FlashStock

Sep 2015 - Dec 2015

### Web Developer

- Implemented new features for three production web applications using the MEAN stack
- Developed a feature that allows admins to generate a 5x5 grid of images that can be rearranged, panned, and downloaded without loss of quality or resolution, reducing the time spent from 1 hour to 5 minutes
- Created an algorithm which sped up the process of curating images by 25% via comparing submitted images with accepted images and hiding unacceptable ones

### Department of National Defence

Jan 2015 - Apr 2015

### Mobile Developer

- Developed a gamified version of the 'Dual N-back' cognitive task that is used by the Canadian Armed Forces to enhance their fluid intelligence and working memory
- The 'Dual N-back' game was created for both Android and iOS as 1 of 7 apps for Mental Health Canada, 6 of which I designed or revised

### Scotiabank

May 2014 - Aug 2014

### Database Analyst

- Refactored the department's website to decrease the amount of navigation and wait time
- Upgraded department's server and databases to be compatible with Windows 7
- Automated process of creating multiple reports using PHP and VBA

## Projects

### Music Popularity | AngularJS, NodeJS

- A web application that is used to search through YouTube views and Spotify play counts to determine the popularity of a certain song, album, or artist

### Personal Website | AngularJS, NodeJS

- A website built to showcase my projects, an interactive resume, and an awesome about me page

### Memory Game | JavaScript

- A modification of the popular Simon Says game with multiple levels and various visual stimuli that can be used to increase memory retention

### Pedometer App | Java, Android

- Manipulated the sensors of a Galaxy Nexus phone in order to calculate acceleration and position to create a pedometer

## Technical Skills

### Languages | Frameworks

JavaScript	●●●●●●●●●●●●●●●●
NodeJS	●●●●●●●●●●●●●●●●
AngularJS	●●●●●●●●●●●●●●●●
Mongoose	●●●●●●●●●●●●●●●●
HTML	●●●●●●●●●●●●●●●●
CSS	●●●●●●●●●●●●●●●●
PHP	●●●●●●●●●●●●●●●●
Python	●●●●●●●●●●●●●●●●
Java	●●●●●●●●●●●●●●●●
Swift	●●●●●●●●●●●●●●●●
C++	●●●●●●●●●●●●●●●●
C	●●●●●●●●●●●●●●●●
Assembly	●●●●●●●●●●●●●●●●
Matlab	●●●●●●●●●●●●●●●●
VBA	●●●●●●●●●●●●●●●●
SQL	●●●●●●●●●●●●●●●●

### Tools | APIs

- AWS
- MongoDB
- Git
- Android Studio
- Titanium Studio
- XCode
- SQL Developer
- Photoshop
- Google Maps API
- YouTube API
- Spotify API

## Education

### University of Waterloo

Enrolled in Computer Engineering  
Currently in Term 3A  
Graduating in 2018

## Portfolio



milind-shah.com

github.com/Milind905

linkedin.com/in/mshah905