

Ebrahim Merchant

Software Engineering – Front Developer

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Skills

Languages: C#, Java, Python, PHP, JavaScript, TypeScript, SASS and Batch/Bash Scripting

Frameworks: jQuery, React, Angular 2+, RxJS, Material-UI and Flask

Tools: Jira, Bitbucket, GitHub, Bamboo and Ansible (CI/CD)

Relevant Experience

Front-End Developer – Bank of Montreal

June 2019 – Present

Worked with Angular, NgRx, Cordova, HTML, Jasmine, Karma and SASS

- Performing Unit testing using Karma and Jasmine to ensure code quality and performance
- Integrated Google firebase cloud messaging plugin to enable push notification as a delivery medium on the BMO Mobile application/
- Programmed a single page application to enable the 3.5 million customers to manage their alerts preferences on the BMO application which resulting in a 10 % increase of customer's alert subscriptions.

Game Physics Developer – University of Ontario Institute of Technology

Sept 2018 – April 2019

Worked with Android Studio and Java

- Designed and developed a physics engine to mimic real life motion of a ball with the friction coefficient as a factor
- Implemented several game modes using Java and the Android framework as per the requirements of the experiment

Software Analyst Intern - Thales Canada

May 2017 – Aug 2018

Worked with C#(.NET), Microsoft SQL Server, SQLite, jQuery, Bootstrap, AngularJS, Python, PHP, HTML and CSS

- Programmed features of a web application tool which automated system configuration and orchestrated networking devices
- Automated data analysis on logs collected from networking devices that saved an average of 2 hours of manual work per day
- Developed a desktop application to estimate costs based on design configurations leading to increased efficiency in the bids process

Education

Bachelor of Engineering (B. Eng.) with a major in Software Engineering

Sept 2014 - April 2019

- University of Ontario Institute of Technology (UOIT)
- Specialized in Internet of Things (IoT)

Projects

Islamify: *An Islamic that provides user the current prayer times based on location and direction to Mecca*

- Made using Ionic and Angular to save time on creating different native app and yet provide the consumer with a rich UI experience
- Integrated multiple ionic plugins to use native mobile features such as location and electromagnet sensors
- Currently launched app in beta to get use feedback on bugs and features to add

Talk to Me: *A website to stay in touch with friends and family without the worrying about data privacy and security*

- Developed a Express.js backend to authenticated and save user information
- Using Socket.IO created an event-based server to handle user messages and other such events
- Used ReactJS to create a nice, modular UI for a quick easy setup

To-do Life: *A basic to-do application made with Ionic and Angular*

- Developed using Angular 9, Ionic and NgRx (Redux)
- Created a simple but robust UI
- You can create custom lists and add tasks to list of just create stand-alone tasks