(514) 560 – 3359 kartik.karkala@mail.mcgill.ca

# KARTIK P. KARKALA

Portfolio:// kartikpuranik.com Github:// puranik9 LinkedIn:// kartikpuranik9

#### **EMPLOYMENT**

### **UI Developer, Intern**

### SAP Canada Inc.

Jan 2017 - May 2017

- Responsible for the research and development of frontend part of Enterprise Commerce & YaaS, in strong collaboration with development teams across multiple locations and time zones.
- Designing HTML templates in an angular application, and styling product features with strong level of attention to detail and pixel perfection.
- Took ownership of tasks in agile environment and drove them to completion; always focused on improving the user experience for enterprise clients by incorporating leading UI/UX practices.

### Web Developer, Intern

### FixMeStick Technologies Inc.

May 2016 - Dec 2016

- Designed and deployed a modern, sleek & robust static website and store application, serving over 1000 visitors daily, leading to a 10% increase in conversion rate.
- Involved in the creation of new server side needed to support backend with daily average of 1000 device users using Node.js/ Express (to replace Python functionality), with tasks like templating webpages using Jade and using a localization library for global expansion.

### **Technical Support Agent**

# FixMeStick Technologies Inc.

Dec 2015 - Apr 2016

- Aiding customers with technical issues with the virus removal device. Provided assistance to customers via useful troubleshooting, and at times carrying out remote connections to resolve support issues.
- Promoted to Tier 2 level of support in Jan 2016; dealt with customers' issues with booting Windows & Mac OS post FixMeStick use and guided them through additional repairs.

# **EDUCATION**

# Montreal, QC

### **McGill University**

Sept 2013 – May 2018

- Bachelor of Engineering (B.E.) in Computer Engineering, graduating May 2018.
- Undergraduate Coursework: Operating Systems (Fall '17); Telecom Networks with Lab (Fall '17); Comp.
   Architecture (Winter '18); Artificial Intelligence (Winter '18); Data Structure & Algorithms; Design Principles & Methods; Digital Systems Design; Intro to Software Engineering; Computer Engineering

### **PROJECTS**

- **FixMeStick Website** <a href="https://fixmestick.com">https://fixmestick.com</a> (Summer 2016). Redesigned and developed main pages of static website like Homepage & Learn More, and store application, leading to 10% increase in conversion rate. Built with Bootstrap, HTML, CSS, JavaScript, jQuery.
- Autonomous Robot Design Project Design Principles & Methods (Fall 2015). Created simple mechanical
  design for robust robot, further designed and developed source code to navigate, avoid obstacles, localize,
  maintain/correct position and pick-up/transport objects using threads. Built with Java LeJOS, EV3 & Lego
  sensors.
- **CPR Training Environment WearHacks Toronto** (Summer 2015). Created a semi-functioning prototype of a CPR training environment using a VR headset and gesture control armband; developed gesture control functionality for Myo. Built with Oculus VR, Thalmic Myo Armband, and Lua.
- Bomberman Intro to Software Engineering (Fall 2014). Co-designed and developed the UI in a team project aimed to create the classic Bomberman game using MVC architecture. Built with Java, Swing.

### **LANGUAGES AND TECHNOLOGIES**

- · JavaScript; Java; HTML; CSS; jQuery; Bootstrap; Angular.js (basic level); React (basic level); LESS
- Eclipse; Git; JIRA; Google Analytics