Savan **Malhotra**

Student at University of Waterloo · Developer

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Skills

Interpersonal	Active listening, Teamwork, Leadership, Problem Solving
Languages	JavaScript, Swift, Java, Kotlin, Python, C, PHP, SQL
Technologies	React, Node.js, TypeScript, AWS, MongoDB, Arduino, Raspberry Pi, Algolia, Twilio, SendGrid

Experience

Notify | notifyapp.ca
Toronto, ON
Founder and CEO — *June. 2017 - Present*
- Built a mobile queue management service for appointment based businesses looking to improve their customer experience and overall workflow without breaking the bank.
- Published iOS and Android apps built using Swift and Java/Kotlin respectively.
- Using React and Node.js, I successfully deployed a web dashboard to allow businesses to manage their queue.

Canadian Youth Nutritional Education Association | cynea.org
Pickering, ON
Chief Technology Officer — *Sep. 2019 - Present*
- In charge of managing a growing team to successfully deploy and maintain both of the CYNEA TrackMe Android and iOS apps.
- Tasked to grow the TrackMe system to integrate with Amazon Alexa and Google Assistant compatible devices.

SOLUM | joinsolum.com
Remote
VP of Technology — *Sep. 2012 - Feb. 2013*
- Developed and published an interactive web dashboard to connect student volunteers to long term care residents using VoIP.
- Built using React, Node.js and the Zoom Web SDK.

SM Consulting
Remote
Freelance Web Developer — *Sep. 2015 - June. 2017*
- Consulted and built websites for various clients while providing input on operational improvements.
- Learned the basics of database structure and how back-end servers interface with the front-end while using PHP, SQL, JavaScript, HTML, CSS, SendGrid and Twilio.

Projects

Autonomous Robotics
Arduino, Raspberry Pi, C, Swift, Python, TensorFlow
- Interfaced an iOS app with a Raspberry Pi to control the direction of an autonomous robot.
- Used TensorFlow on an iOS app to detect objects, which using an MQTT network, controlled the motors connected to the Raspberry Pi.
- Constructed for the 2020 Skills Ontario robotics competition.

PHS Network Portal
JavaScript, HTML, CSS, Firebase
- Built a content management system for my school's newspaper to create, edit and publish articles directly to our website.
- Used JavaScript, HTMl, CSS as well as Google Firebase to handle authentication and host our database.

Education

University of Waterloo
Waterloo, ON
Candidate for Bachelor's of Mathematics — *Sep 2020 - PRESENT*
- Intended Major in Data Science