

Savan Malhotra

1A MATHEMATICS STUDENT | UNIVERSITY OF WATERLOO

✉ savan.malhotra@uwaterloo.ca | 🏠 savanmalhotra.com | 📧 SavanMalhotra | 📺 SavanMalhotra

Skills

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

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 developed 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

- Managed 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

May. 2020 - Present

- 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 and CSS for the front-end UI, while utilizing Google Firebase's authentication and Realtime database features.

Education

University of Waterloo

Waterloo, ON

CANDIDATE FOR BACHELOR'S OF MATHEMATICS

Sep 2020 - PRESENT

- Intended Major in Data Science or Math Finance