

Menushka Weeratunga

Full Stack Developer

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EXPERIENCE

TapLane | Software Developer | April 2016 - Present

- Develop new features and fix bugs for company's 16 Android applications with over 5 million global users
- Lead iOS development and migration from Android
- Lead development of multiplayer server built in Node.js using Typescript and Socket.io
- Lead development of Facebook Instant Games applications using Angular 5
- Created Javascript to PHP scripts to automate over 100+ hours of work

PROJECTS

LubDub | SpartaHack 2017 - 2nd Place Award

A minimalist web application built in pure HTML/CSS/Javascript to diagnose potential deadly heart conditions using only a waveform recorded using a stethoscope from the patients heart.

Relay | MHacks 2016 - Best Use of Linode Services Award

An Android application and web back-end designed to replace the current emergency system with automatic geolocation, instant patient information and a simplistic UI for quick response.

commandSMS | UofTHack 2016 - Best Use of Twilio API Award

An Android application and NPM package allowing users to control a remote server over SMS using a terminal-style interface.

TECHNICAL SKILLS

Front End Development | Advanced

- Native Android and iOS development in Java with Gradle or Objective C and Swift with CocoaPods respectively
- Web based Android and iOS development with React Native
- Web application development with Angular 5 in Typescript
- Website development with HTML, CSS, Javascript and jQuery
- Unity development in C# for both mobile and desktop platforms

Back End Development | Advanced

- Back-end web interface development with PHP and MySQL for industry use
- Realtime web server development with web-sockets using Node.js and socket.io
- Restful API development using Node.js and Express

Reverse Engineering | Intermediate

- ARM disassembly and iOS tweak development

EDUCATION

B.ASc in Electrical Engineering | University of Windsor | April 2015 - August 2019

- Dean's Scholarship Award
- John William Beveridge Award
- Outstanding Scholars (Top 5% of University)
- Golden Key International Honours Society Member

Machine Learning | Coursera | October 2018

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