

# Pranav Anand

SOFTWARE DEVELOPER

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## Skills

**Languages** JavaScript, C++, PHP, Python, Java

**Tools** Vim, Git, Eclipse, Android Studio

**Frameworks** Node.js, Express, Kohana, ReactJS

## Experience

### PharmAchieve

Toronto, Canada

FULLSTACK DEVELOPER INTERN

Jan. 2016 - Apr. 2016

- **Lead development at the company** which provides test prep for pharmacy students. Responsible for design, development, maintenance and automation of several new products.
- Extensively used D3.js to develop interactive data visualizations of user data.
- Reverse-engineered Moodle's database schema and codebase to create a quiz generator allowing users to create custom quizzes on the topics of their liking.
- **Created PharmAchieve's first REST API** using Node.js and Express which automated complex processes through simple API calls.

### Thinkingbox

Toronto, Canada

SOFTWARE DEVELOPER INTERN

May 2015 - Aug. 2015

- Part of the team of 3 developers that created the site for Mission Impossible 5 using ReactJS with Flux within a month. **The site won a 'Gold Awwward'** for best entertainment site.
- Worked with another developer to expand existing backend for project 'UBC Your Evolution' to allow users to collaborate, display projects and connect with others.
- Generated over 50 leads alongside the Director for New Business to expand company to new verticals.

### Sanshil Foundation for Welfare

Gurgaon, India

HEAD VOLUNTEER

Dec. 2011 - July 2013

- Worked as Head Volunteer for an NGO which teaches and finances underprivileged children so that they can join mainstream schools.
- Developed an Android application to help teach language skills - through video examples and quizzes. **Gave prototype to Macmillan Publishers** for their use.

## Projects

**Yoffee** Ping your coffee machine from your smartwatch or phone to start brewing coffee for you. *Raspberry Pi, Arduino*  
*PHP*

**Compiler** Created compiler for a subset of C. Supports arithmetic, conditionals, loops, functions and overloading. Implemented variable folding to reduce compiled file size by factor of 5. *C++*

**Facesnoop** Browser extension which blocks 'seen' notification in the Facebook web chat. *JavaScript*

**Showersong** Android app that suggests songs to sing in the shower through text-to-speech. Used Lastfm API to get your most played songs. *Android, Java*

**Readdit** Created handsfree navigation for the first edition of Pebble watches using in-built accelerometer and Pebble SDK in C. Developed a Reddit app for Pebble to demonstrate the application in JavaScript. *Pebble SDK, C, JavaScript*

**Drivers2Go** Android app which allows non-English speaking taxi drivers to communicate with English speaking customers through a simple interface. **Three major taxi companies agreed to use the app** in their training programs for over 1000 drivers. *Android, Java*

## Education

### University of Waterloo

Waterloo, Canada

BACHELOR OF SOFTWARE ENGINEERING

Sept. 2014 - April 2019