Irvanjit Singh Gill

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EDUCATION

**Bachelor of Applied Science, Computer Engineering** | University of Waterloo | Waterloo, ON | Sep 2011 - Apr 2018

SKILLS

**Languages:** Swift, Objective-C, Java, Kotlin, Python, C++, C, C#, PHP, JavaScript, HTML, CSS, JSON, SQL

**Frameworks:** iOS, tvOS, Cocoa, UIKit, SwiftUI, React Native, Django, Flask, Laravel, NodeJS, ReactJS, AngularJS, Sass, XCTest, JUnit

**Tools:** Git, Xcode, Android Studio, MySQL, SQLite, PostgreSQL, Tableau, AWS, Firebase, Splunk, Vagrant, Jenkins, Linux, Unix

EXPERIENCE

**Senior iOS Engineer** | Yelp Inc | Toronto, ON | Jan 2021 - Present

* Work on the Discovery User Experience team, which owns Home, the screen that sees the most consumer traffic in the iOS app
* Building the Home Feed and optimizing other areas of the Home screen to boost user engagement and improve utility
* Regularly lead projects, write and review code, run A/B experiments, respond to requests and incidents, and manage app releases

**Mobile Developer**, Volunteer, Part-time| Gursevak.com | Brampton, ON | May 2016 - February 2023

* Maintained native iOS & Android apps for an educational charity, adding features, and improving UX and performance UX
* Shipped updates to an active user base of 50,000+ on iOS: [bit.ly/unlimios](http://bit.ly/unlimios) and Android: [bit.ly/unlimdroid](http://bit.ly/unlimdroid)

**iOS Developer** | Clearbridge Mobile Inc | Woodbridge, ON | Oct 2020 - Dec 2021

* Developed and launched the YES iOS app for Yankees Entertainment & Sports Network to 650,000+ active users in under 3 months
* Shipped major updates for the NESN iOS app (New England Sports Network), integrating various REST APIs, libraries, and services

**Infrastructure Engineering Intern** | Tesla Inc | Palo Alto, CA | Sep 2017 - Dec 2017

* Created a load testing framework to improve performance and reliability of internal CAD design tools used for Model 3 production
* Improved infrastructure performance resulting in shorter design cycle iterations for the vehicle design and assembly line

**iPhone Operations Software Engineering Intern** | Apple Inc | Cupertino, CA | Sep 2016 - Dec 2016

* Developed experimental features via A/B Testing for an internal iOS app to test manufacturing operator performance, accuracy
* Wrote and deployed a XCTest suite via Continuous Integration to automate UI testing, improve release cycle efficiency

**Mobile Developer** | Clearbridge Mobile Inc | Woodbridge, ON | Jan 2016 - Apr 2016

* Worked with designers, product managers and clients to design architecture, develop and deploy Rethink Tires for Android
* Shipped updates, usability enhancements, and analytics integrations for NBC Telemundo: [bit.ly/nbctmdroid](http://bit.ly/nbctmdroid) and TD UGO Wallet

**Automation Engineering Intern** | Toast Inc | Cambridge, MA | Jan 2015 - Apr 2015

* Developed a framework to automate integration testing for Toast POS on web and mobile with JUnit and Appium
* Contributed to the development of new features and regression fixes for the Android POS client and server (Java, Play)

**iOS Developer** | Vitalhub Corp | Toronto, ON | May 2013 - Aug 2013

* Implemented chart plotting for patient vitals and other client-side features for Vitalhub Chart iOS: [bit.ly/vitalhub](http://bit.ly/vitalhub)
* Redesigned the user interface to a develop a dynamic and responsive view layer using new Auto Layout SDK capabilities

PROJECTS

**Raag Notes, iOS** | App Store: [bit.ly/raagnotes](http://bit.ly/raagnotes), GitHub: [/raagnotes](http://github.com/irvanjitsingh/raagnotes)

* Create and reference musical notation sets for Indian Classical compositions and ragas (musical scales). Built using Swift, UIKit

**Discover Gurbani, Android** | Play Store: [bit.ly/discovergurbani](http://bit.ly/discovergurbani), GitHub: [/discovergurbani](http://github.com/irvanjitsingh/discovergurbani)

* Search and read the Sikh scriptures translated in multiple languages. Built using Java, Android Studio, GSON, GurbaniDB REST API