Irvanjit Singh Gill

+1 (226) 989-2694 | [irvanjit@gmail.com](mailto:irvanjit@gmail.com) | [irvanjit.com](https://irvanjit.com/) | [linkedin.com/in/irvanjitsingh](https://www.linkedin.com/in/irvanjitsingh/) | [github.com/irvanjitsingh](https://github.com/irvanjitsingh/) | Brampton Ontario

Skills

Programming Languages: Swift | Objective-C | Python | Java | C++ | C# | C | PHP | JavaScript | HTML | JSON | XML | CSS | SQL

Frameworks: iOS | Cocoa | UIKit | SwiftUI | XCTest | Android | JUnit | Django | Flask | NodeJS | ReactJS | React Native | REST

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

Work Experience

**Yelp**, Toronto Ontario | Senior iOS Engineer | 01/2022 – Present

* iOS Engineer on the Discovery UX 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 UX and utility
* Regularly lead projects, write and review code, run and analyze AB experiments, respond to incidents, and manage app releases

**Clearbridge Mobile**, Vaughan Ontario | iOS Developer | 10/2020 – 12/2021

* Developed and launched the [YES iOS](https://apps.apple.com/us/app/yes-network/id1543948562) app for Yankees Entertainment & Sports Network to 650,000+ active users in under 3 months
* Shipped major updates for the [NESN iOS](https://apps.apple.com/us/app/nesn-360/id1218490839) app (New England Sports Network), integrating various REST APIs, libraries, and services

**Tesla**, Palo Alto California | Infrastructure Engineering Intern | 09/2017 – 12/2017

* 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

**Apple**, Cupertino California | Software Engineering Intern | 09/2016 – 12/2016

* Maintained an iOS app to test iPhone manufacturing operator performance and accuracy via in-app AB experimentation
* Wrote and deployed a XCTest suits via XCode Continuous Integration to automate UI testing and improve release cycle efficiency

**Gursevak**, Brampton Ontario | Volunteer Mobile Developer | 05/2016 – 02/2023

* Maintained native [iOS](https://apps.apple.com/us/app/learn-shudh-gurbani/id937224618) and [Android](https://play.google.com/store/apps/details?id=com.gurbani.unlimited) apps for an educational charity that offers an interactive method to learn the Gurmukhi script
* Shipped updates to an active user base of 50,000+ across both platforms, added features and improved app performance by 3x

**Clearbridge Mobile**, Vaughan Ontario | Mobile Developer Co-op | 01/2016 – 04/2016

* Worked with designers, product managers and clients to architect, develop and deploy a new Android app, Rethink Tires
* Shipped updates, usability enhancements, and analytics integration for Android apps, [NBC Telemundo News](https://play.google.com/store/apps/details?id=com.nbcuni.telemundo.noticiastelemundo) and [TD UGO Wallet](https://play.google.com/store/apps/details?id=com.ugo.mobilewallet)

**Toast**, Cambridge Massachusetts| Automation Engineering Intern | 01/2015 – 04/2015

* Developed a framework to automate integration testing for the Toast POS system on web (Selenium, JUnit) and Android (Appium)
* Implemented features and regression fixes on the Android client and backend service (Java, Play)

**Vitalhub**, Toronto Ontario | iOS Developer Co-op | 05/2013 – 08/2013

* Implemented a chart plotting user interface for patient vitals and other client-side features for the Vitalhub Chart iOS app
* Redesigned and refactored the UI to create a dynamic and responsive View layer using Auto Layout

Education

Bachelor of Applied Science, Computer Engineering | University of Waterloo, Waterloo Ontario | 09/2011 – 04/2018

Projects

[irvanjitsingh/raagnotes](https://github.com/irvanjitsingh/raagnotes)

Developed an iOS app to input and generate musical notation sets for Indian classical compositions and ragas (musical scales)

[irvanjitsingh/discovergurbani](https://github.com/irvanjitsingh/discovergurbani)

Designed and developed an Android app to read the Sikh scriptures in multiple languages and scripts via the GurbaniDB REST API