

Irvanjit Singh Gill

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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](#) 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

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](#) and [Android](#) 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](#) and [TD UGO Wallet](#)

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](#)

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

[irvanjitsingh/discovergurbani](#)

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