

# MANAN PATEL

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## EXPERIENCE

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### Environment & Climate Change Canada

Senior Software Engineer

Calgary, Canada (Remote)

March 2023 - Present

- Lead the Weather Dissemination team to create, maintain, and produce weather-related components and data for the Weather.gc.ca website (Vue), iOS, and Android platforms
- Identify, generate, and delegate tasks to 3 full time developers and 2 co-op students to achieve organization wide KPIs and timelines
- Lead iOS Engineer for the iOS WeatherCan Application, 5M+ MAU, #3 Weather app in Canada
- Develop features in Swift/SwiftUI, integrate proprietry and performant APIs for near real-time weather broadcasting, manage CI/CD pipelines for releases using Fastlane and GitHub Actions, conduct accessibility, unit, and UI testing

### Wattpad Inc.

iOS Engineer

Toronto, Canada (Remote)

Aug 2021 - March 2023

- Swift, SwiftUI, and Objective-C engineering for the iOS Wattpad App
- Lead iOS Engineer for the new Wattpad Comments experience, completed an overhaul of comments from Obj-C to Swift/SwiftUI, to introduce comment liking, in-line replies, design system components, and more! Managed a team of 3 and associated requirements, tickets, timelines, delegation, and release for the life of the project
- Feature development for several User Safety projects like User Blocking, Password Strengthening, and Age restrictions
- Helped implement WP Design System, via an atomic design methodology, of components, molecules, and organisms for a unified product and developer experience. Written in SwiftUI with bridges for UIKit
- Took on bi-monthly release master duties to test, resolve, and release new app versions to TestFlight and App Store using Fastlane and Github Actions

### TD Bank

iOS Developer

Toronto, Canada (Remote)

Jan 2020 - July 2021

- Design and build iOS application features for TD App that offer seamless access to banking services, including account management, fund transfers, and transaction history in Swift and Obj-C
- Collaborate with backend developers to integrate financial APIs securely with multi-factor authentication
- Provide technical guidance and mentorship to team members, conducting code reviews and ensuring adherence to coding standards

### Environment & Climate Change Canada

Software Developer

Toronto, Canada (Remote)

May 2017 - Jan 2020

- Concept to completion release of the Canadian governmental national weather iOS app, WeatherCAN, with only a 2 person team and 1 year timeline. Written fully in Swift
- Established real-time consumer facing databases and backend APIs for mobile applications
- Work with VueJS to create GUI layers for the Weather GC website redesign project, such as real-time lightning strikes, weather radar, and weather alerting
- Creation and maintenance of XML Parsers, Product Generators, and support of all weather components related to observations, forecasts, and alerts for National Weather outlets

## SKILLS

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Programming Languages: Swift, SwiftUI, Objective-C, Python, Java, JavaScript, Kotlin, React, R  
Tools: XCode, Android Studio, Jenkins, Firebase, Fastlane, Docker, Figma, Git  
Databases: SwiftData, CoreData, SQL, MongoDB

## EDUCATION

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### University of Toronto

Honours Bachelors of Science - Computer Science & Statistical Machine Learning

Toronto. ON, Canada