# MANAN PATEL

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## EXPERIENCE

**Environment & Climate Change Canada**                                Calgary, Canada (Remote)
*Team Lead and iOS Developer*                                                 March 2023 - Present

- Lead the Weather Dissemination team to create, maintain, and produce weather related components and data for the Weather.gc.ca website, and iOS & Android applications
- Lead iOS Engineer for the iOS WeatherCan Application, 5M+ MAU, #3 Weather app in Canada
- Oversee 3 full-time developers and 2 co-op students, surpassing KPI success and project timelines
- Currently leading the team to expand our Radar product to also support real-time Lightning, Hurricane, and Tornado events across Canada!

**Wattpad Inc.**                                                            Toronto, Canada (Remote)
*iOS Engineer*                                                                  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**                                                                       Toronto, ON (Hybrid)
*iOS Developer*                                                                   Jan 2020 - Aug 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
- Collaborate with backend developers to integrate financial APIs securely with multi-factor authentication
- rovide technical guidance and mentor-ship to team members, conducting code reviews and ensuring adherence to coding standards

**Environment & Climate Change Canada**                                        Toronto, Canada
*Software Developer*                                                              May 2017 - Dec 2020

- Concept to completion release of the Canadian governmental national weather iOS app, WeatherCAN, with only a 2 person team and 1 year timeline
- 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, Objective-C, SwiftUI, Kotlin, React, Java, JavaScript, Python, R |
| Tools: | XCode, Android Studio, Jenkins, Firebase, Fastlane, Docker, Figma, Git |
| Databases: | SwiftData, CoreData, SQL, MongoDB |

## EDUCATION

**University of Toronto**                                                       Toronto. ON, Canada
Bachelors of Science (16 Mo Co-op) Computer Science & Statistical Machine Learning   Sept 2013 - May 2019