

# MANAN PATEL

Senior Mobile Engineer

Calgary, Alberta, Canada

[manan.patel@outlook.com](mailto:manan.patel@outlook.com) | [mananpatel.info](http://mananpatel.info)

## Summary

Senior Mobile Engineer with 8+ years building production iOS applications serving millions of users. Expert in Swift/SwiftUI native development and React Native cross-platform solutions. Proven track record leading technical teams and delivering scalable mobile products across government, fintech, and startup environments.

## Technical Skills

**iOS Development:** Swift, SwiftUI, UIKit, Objective-C, Xcode, TestFlight, App Store Connect

**Cross-Platform:** React Native, Expo CLI, EAS Build, EAS Submit, TypeScript, JavaScript

**Backend & APIs:** Node.js, Python, REST APIs, GraphQL, Firebase, Authentication

**Data & Storage:** CoreData, CloudKit, SQLite, MongoDB, JSON, XML Parsing

**Development Tools:** Git, GitHub Actions, Fastlane, Docker, Jenkins, Figma, Postman

## Professional Experience

### RentPlay

*Co-Founder & Chief Technology Officer*

**Calgary, AB**

*Jan 2025 – Present*

- Built cross-platform mobile application using React Native and Expo serving iOS, Android, and web users
- Implemented automated deployment pipeline with EAS Build with quick release time of minutes
- Designed gamification system with reward mechanics achieving 2x increase in user engagement
- Developed receipt processing feature with OCR integration handling 50+ daily transactions

### Environment and Climate Change Canada

*Senior iOS Developer & Technical Lead*

**Calgary, AB (Remote)**

*Mar 2023 – Dec 2025*

- Lead iOS development for WeatherCan app serving 5+ million monthly active users across Canada
- Manage team of 5 developers implementing real-time weather visualization and alert systems
- Architected CI/CD pipeline using Fastlane and GitHub Actions reducing deployment time by 60%
- Delivered critical safety features including real-time lightning tracking and severe weather notifications

### Wattpad Inc.

*Senior iOS Engineer*

**Toronto, ON (Remote)**

*Aug 2021 – Mar 2023*

- Led complete redesign of commenting system for 90+ million global users
- Migrated legacy Objective-C codebase to SwiftUI improving app performance by 40%
- Built reusable component library reducing feature development time by 25%
- Implemented user safety features including content moderation and advanced blocking systems

## TD Bank Group

iOS Developer

Toronto, ON (Remote)

Jan 2020 – Aug 2021

- Developed secure banking features for TD mobile app used by 3+ million customers
- Implemented biometric authentication and PCI-compliant payment processing
- Collaborated with backend teams to integrate financial APIs for real-time transactions

## Environment and Climate Change Canada

iOS Developer

Toronto, ON

May 2017 – Jan 2020

- Developed WeatherCan iOS app from concept to App Store launch within 12 months
- Built real-time weather data processing system supporting mobile and web platforms
- Created responsive web components using Vue.js for government weather portal

## Selected Projects

### WeatherCan – Official Canadian Weather App

2017 – 2020, 2023 – 2024

- Built and maintain Canada's #3 weather app with 5+ million monthly active users
- Implemented GPS-based weather alerts and interactive radar with custom map overlays
- Developed comprehensive widget system for iOS lock screen and home screen

### Goal Getter – Personal Habit Tracking App

2024

- Designed and developed habit tracking app using SwiftUI and CloudKit for data sync
- Built widget ecosystem enabling quick habit logging across iOS devices
- Achieved 4.8/5 App Store rating with zero reported crashes

### Countries Quiz – Educational Geography Game

2023

- Created interactive geography quiz using SwiftUI and custom map rendering
- Implemented multiple game modes with progressive difficulty algorithms

## Education

### University of Toronto

Bachelor of Science, Computer Science & Statistical Machine Learning, Co-op

Toronto, ON

2014 – 2019

## Leadership & Recognition

**Team Leadership:** Managed cross-functional teams of 5+ engineers across multiple product initiatives

**Mentorship:** Guided 10+ junior developers through technical growth and career advancement

**App Store Success:** Published 4+ apps with consistently high ratings and zero critical bugs