

MANAN PATEL

Senior Mobile Engineer & Entrepreneur

Calgary, Alberta, Canada

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Summary

Senior Mobile Engineer with 8+ years building production applications serving millions of users across government, fintech, and startup environments. Proven entrepreneur with hands-on experience founding and scaling technology companies. Expert in Swift/SwiftUI native development and React Native cross-platform solutions, with deep understanding of product strategy, user experience, and business operations from small business to enterprise scale.

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

Product & Analytics: A/B Testing, User Research, Data Analytics, Product Strategy, Business Intelligence

Professional Experience

RentPlay

Co-Founder & Chief Technology Officer

Calgary, AB

Jan 2025 – Jul 2025

- Co-founded fintech startup combining rent payment rewards with local marketplace to help renters earn cashback on community spending
- Architected full-stack platform using React Native/Expo frontend, Node.js backend, and TypeScript, scaling to 1,000+ users and almost 100 merchants
- Built OCR-based rewards system with targeted offers and lead generation engine to drive users to local merchants
- Raised \$100K SAFE note and secured \$100K in grants from Alberta Innovates and Government of Canada
- Successfully returned 90% of investor capital after strategic decision to pivot focus, gaining valuable insights into product-market fit validation

Environment and Climate Change Canada

Team Lead & iOS Developer

Calgary, AB (Remote)

Mar 2023 – Dec 2024

- Lead Weather Dissemination team creating weather components for Weather.gc.ca website and iOS/Android applications
- Lead iOS Engineer for WeatherCan app serving 5+ million monthly active users, Canada's #3 weather app
- Made product decision to prioritize GPS-based alerts over advanced radar, driving 40% increase in user engagement
- Managed cross-functional team of 3 full-time developers and 2 co-op students to achieve KPIs and project timelines
- Expanded Radar product to support real-time Lightning, Hurricane, and Tornado events across Canada

Wattpad Inc.
iOS Engineer

Toronto, ON (Remote)
Aug 2021 – Mar 2023

- Swift, SwiftUI, and Objective-C engineering for iOS Wattpad App serving 90+ million global users
- Lead iOS Engineer for new Wattpad Comments experience, complete overhaul from Obj-C to SwiftUI
- Advocated for simplified user experience over feature complexity, improving user retention by 15% across 90+ million users
- Introduced comment liking, in-line replies, and design system components that significantly improved user engagement
- Implemented WP Design System via atomic design methodology for unified product and developer experience
- Managed bi-monthly release cycles including testing, monitoring, and App Store releases

TD Bank Group
iOS Developer

Toronto, ON (Remote)
Jan 2020 – Aug 2021

- Designed and built iOS application features for TD App offering seamless banking services for 3+ million customers
- Championed biometric authentication implementation, understanding how security friction impacts user adoption in fintech
- Collaborated with backend developers to integrate financial APIs securely with multi-factor authentication
- Provided technical guidance and mentorship to junior developers, conducting code reviews and ensuring coding standards

Environment and Climate Change Canada
iOS and Software Developer

Toronto, ON
May 2017 – Jan 2020

- Led concept-to-completion development of Canadian governmental WeatherCAN app with 2-person team under 1-year timeline
- Established real-time consumer-facing databases and backend APIs for mobile applications
- Developed VueJS components for Weather.gc.ca website redesign including lightning strikes and radar visualization
- Created and maintained XML Parsers and Product Generators supporting weather observations, forecasts, and alerts

Projects

WeatherCan – Official Canadian Weather App

2017 – 2020, 2023 – 2024

- Built and maintained Canada's #3 weather app with 5+ million monthly active users and 4.5+ App Store rating
- Implemented GPS-based weather alerts and interactive radar with custom map overlays serving critical safety information
- Developed comprehensive widget system for iOS lock screen and home screen enabling quick weather access

Goal Getter – Personal Habit Tracking App

2025

- Designed and developed habit tracking app using SwiftUI and CloudKit for seamless data sync across devices
- Built comprehensive widget ecosystem enabling quick habit logging with 5-star App Store rating
- Achieved zero reported crashes through comprehensive testing and quality assurance processes

Countries Quiz – Educational Geography Game

2024

- Created interactive geography quiz using SwiftUI and custom map rendering with engaging user experience
- Implemented multiple game modes with progressive difficulty algorithms optimizing for user retention

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, designers, and stakeholders across multiple product initiatives

Mentorship: Guided 10+ junior developers through technical growth and career advancement with measurable outcomes

Product Success: Published 4+ apps with consistently high ratings, millions of users, and zero critical production issues

Business Acumen: Successfully raised funding, managed investor relations, and made strategic business decisions under uncertainty