MANAN PATEL

Senior Software Engineer & Entrepreneur
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1 Summary

Senior Software Engineer with 8+ years building production mobile applications serving millions of users across government, fintech, and startup environments. Expert in iOS development (Swift, SwiftUI, UIKit), cross-platform development (React Native), and full-stack engineering. Academic background in Statistical Machine Learning including neural networks, backpropagation, multivariate analysis, and statistical inference. Proven track record in team leadership, product management, and agile development.

2 Professional Experience

Rocket Agency   **Calgary, AB**
Business Consultant   *August 2025 – Present*

– Consult with startups on remote operational staffing across CRM, customer support, HR, and bookkeeping roles

– Placed 25+ full-time offshore staff members with clients within 6 months, LATAM/Africa/PH

– Advise on technology integration and workflow optimization for remote-first talent models and small budgets

RentPlay   **Calgary, AB**
Co-Founder & Chief Technology Officer   *January 2025 – September 2025*

– Built OCR-based shop local rewards system processing receipts monthly with targeted offers to local businesses

– Architected full-stack platform using React Native, Node.js, and TypeScript scaling to 1,000+ users and 100 merchants

– Raised $100K SAFE note and secured $50K in grants from Alberta Innovates and Government of Canada SRED

– Returned 90% of investor capital; gained insights into fintech product-market fit validation

Environment and Climate Change Canada   **Calgary, AB (Remote)**
Team Lead & Senior iOS Developer   *March 2023 – December 2024*

– Led team of 5 engineers developing WeatherCan iOS app serving 5+ million monthly users, Canada's #3 weather app

– Implemented GPS-based convective severe weather alerts, expanded Radar product to support real-time Lightning, Hurricane, and Tornado tracking across Canada

– Managed Agile team of 3 developers and 2 co-op students across sprint planning and daily standups

Wattpad Inc.   **Toronto, ON (Remote)**
Senior iOS Engineer   *August 2021 – March 2023*

– Rebuilt Comments experience from Objective-C to SwiftUI for 90+ million users

– Introduced comment liking and in-line replies increasing engagement by 50%

– Implemented a Wattpad Design System using atomic design methodology across iOS app

– Managed bi-monthly releases with 99.9% crash-free rate and conducted 100+ code reviews

TD Bank Group   **Toronto, ON (Remote)**
iOS Developer   *January 2020 – August 2021*

– Built banking features for TD App serving 3+ million customers with 4.6 App Store rating

– Implemented biometric authentication (Face ID/Touch ID) with PCI-DSS compliance

– Integrated financial APIs with multi-factor authentication and Core Data persistence

Environment and Climate Change Canada   **Toronto, ON**
iOS and Software Developer   *May 2017 – January 2020*

– Led development of WeatherCAN iOS app with 2-person team launching to 1M+ users within 1 year

– Built REST APIs supporting 10+ million monthly calls for mobile weather applications

– Developed VueJS components for Weather.gc.ca including radar and lightning visualization

– Created XML parsers processing 50,000+ daily weather updates for forecasts and alerts

3 Projects

Goal Getter – Habit Tracking App – 1,000+ MAU – Paying Subscribers   **2025 - 2026**
– Built SwiftUI habit tracker with CloudKit sync across iPhone, iPad, and Apple Watch

– Clean interface for daily, weekly, monthly, yearly habit logging with 4.7 App Store rating

– Implemented in-app purchases with 3% conversion rate generating real revenue

– Working on boosting top of funnel with UGC pipeline to boost top level impressions and revenue

Countries Quiz – Geography Game – 500+ MAU   **2025**
– Developed interactive quiz using SwiftUI with custom MapKit rendering

– Built 4 game modes with progressive difficulty and world wide high scores

4 Technical Skills

Programming Languages: Swift, Objective-C, TypeScript, JavaScript, Python, SQL

Mobile Development: iOS Development, SwiftUI, UIKit, React Native, Expo, Cross-Platform Development, Mobile App Development

iOS Frameworks: Xcode, CoreData, CloudKit, Combine, StoreKit, WidgetKit, Core Location, MapKit, TestFlight, App Store Connect

Backend Development: Node.js, REST APIs, GraphQL, Firebase, API Integration, Microservices, Authentication

Databases: SQLite, MongoDB, CloudKit, CoreData, JSON, XML

DevOps & Tools: Git, GitHub Actions, CI/CD, Fastlane, Docker, Jenkins, Postman

Methodologies: Agile, Scrum, Unit Testing, Test-Driven Development, Code Review, A/B Testing

Machine Learning: Statistical Machine Learning, Neural Networks, Deep Learning, Backpropagation, Gradient Descent, Multivariate Analysis, Statistical Inference, TensorFlow, PyTorch, NLP, Computer Vision

Product & Design: Product Management, User Research, User Experience Design, Figma, Product Strategy

5 Education

University of Toronto   **Toronto, ON**
Bachelor of Science, Computer Science & Statistical Machine Learning, Co-op   *2014 – 2019*

– Relevant Coursework: Statistical Machine Learning, Neural Networks, Deep Learning, Natural Language Processing, Computer Vision, Statistical Inference, Multivariate Analysis

6 Leadership & Recognition

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

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

Product Success: Published 4+ apps with 4.5+ App Store ratings and millions of active users

Business Acumen: Raised $150K in funding and managed investor relations