# Chintan Panchal

Toronto, ON

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## Objective

To obtain a Software Developer Intern/Co-op position at TD Bank for Summer 2025, utilizing my diverse expertise in software development including mobile, web, and backend technologies to contribute to innovative software solutions and deliver exceptional user experiences.

## Highlights of Qualifications

- 2+ years of professional experience in iOS development, specializing in scalable app architectures.
- Advanced proficiency in Swift, UIKit, and other iOS frameworks like Core Data, Alamofire, and MapKit.
- Hands-on experience with implementing MVVM and MVC architectures to create robust applications.
- Strong API integration, local database management, and performance optimization skills.
- Experience with deploying apps on the app store using app store connect.
- Strong communication, collaboration and problem solving skills, with experience coordinating with cross-functional teams and working directly with management to align development efforts with business objectives.
- Passion for continuous learning and adapting to new technologies.

## Technical Skills

- **Programming Languages**: Swift, Kotlin, JavaScript, C++
- **Frameworks & Libraries**: UIKit, SwiftUI, Alamofire, Core Data, Core Location, Firebase, MapKit, Node.js, Express, Mongoose, Room Database
- **Tools**: Xcode, vsCode, Android Studio, Bitbucket, Sourcetree, Git, Autolayout
- **Other Skills**: Responsive UI Design, Web Development, Backend Development, Android Development
- **Software Documentation:** Microsoft Excel, Word, PowerPoint

## Education

**Mobile App Development & Analysis (GPA: 4.0)**                    *Sep 2024 - Present*
George Brown College, Toronto, ON
- Relevant Coursework:
    - Frontend Web Development: HTML, CSS, JavaScript
    - Backend Web Development: MongoDB, Node.js, Express, EJS
    - Android Development: Kotlin, Firebase, Room Database, Constraint Layout
    - iOS Development: Swift, Firebase, Core Data, SwiftUI, Concurrency, API Calling
    - Cross Platform Development: React Native

**Master of Computer Science (CA & IT) (GPA: 3.9)**                    *Aug 2017 - May 2022*
K.S. School of Business Management, Ahmedabad, India

## Professional Experience

**iOS Developer - Rayo Innovations**                    *Jan 2023 - June 2024*
Ahmedabad, India

- Developed a business management app for small enterprises using UIKit and MVC, leading to improved operational workflows.
- Built offline synchronization features with Core Data, ensuring data integrity and seamless updates.
- Designed a gamified treasure hunt feature with MapKit and Core Location, significantly enhancing user participation and engagement.
- Created a route-tracking system with Google Drive integration, ensuring consistent and reliable data backup functionality.
- Communicated project requirements between management and the development team, guiding implementation as needed.
- Successfully submitted and published two applications on the App Store, adhering to Apple's quality guidelines.

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**iOS Developer - Hyperlink Infosystem**                                    *Jan 2022 - Oct 2022*

Ahmedabad, India

- Designed a social media app using MVVM architecture with features like in-app purchases, push notifications, and localization, resulting in improved scalability and user engagement.
- Integrated APIs and employed Swift frameworks to deliver a seamless user experience.
- Utilized Core Data for offline storage, enhancing app reliability for users in low-connectivity conditions.
- Collaborated with UI/UX designers and backend developers to create a seamless and intuitive user experience.

## Academic Projects

### Property Rental System

- Developed an Android application to streamline property rental management with separate Renter and Landlord apps.
- Renter App Features Firebase Authentication, map-based property listings, price filtering, and a watchlist for saved properties
- Landlord App Features Property listing creation, editing, geocoding integration, and property management via Firebase Firestore
- Used Kotlin, Firebase Firestore, Firebase Authentication, Google Maps Geocoding API, Google Maps SDK, ConstraintLayout, RecyclerView and View Binding.

## Personal Projects

### Tick Tick Done

- Developing a productivity app using UIKit to help users efficiently manage daily tasks.
- Implementing task creation with options for task name, details, images, and completion settings (date/time or time range).
- Adding task reminders, list management with checkboxes, and a home dashboard with FSCalendar, task lists, and reminders.
- Integrating settings for notifications, alarms, and themes, along with user profile and task history features.

### Spooky Kit

- Created an interactive horror-themed website featuring spooky sounds and images activated by 26 lettered buttons.
- Developed with HTML, CSS, and JavaScript to provide an immersive, eerie experience with randomized horror visuals and sounds.
- Implemented features such as independent button interactions, instant horror image reveals, and custom spooky audio triggers.
- Future improvements include persistent backgrounds, custom theme uploads, and gamification elements like challenges and levels.