

# Prabin Regmi

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## Summary

- Software engineer with 6+ years of experience in designing and developing mobile applications with native and cross platform framework
- Strong knowledge of Objective-C, Swift, Java and JavaScript/TypeScript
- Strong understanding of Object Oriented Concepts and building reusable codes.
- Created and maintained custom Cocoapod libraries, to promote code-reuse throughout the organization.
- Created and customized views, table views, tab bars and navigation bars in a multi-view application.
- Experienced with the Software Development Life Cycle process, designing and implementing the software, debugging, fixing and maintaining the software.
- Solid experience in carrying out functional Unit Tests using the XCTest framework.
- Experience with third-party APIs, Familiarity with cloud message APIs and push notification
- Highly knowledgeable about AppStore and Play Store review process

## Skills

### Mobile

- Native iOS, Native Android, React Native/Expo

### Web

- HTML, CSS, React.JS, Svelte, Solid.JS, Node.JS, Next.JS

### Programming Languages

- Swift, Objective-C, Java, JavaScript, TypeScript, Python, Golang

## Experience

**SOFTWARE ENGINEER, EXAFLUENCE; SOUTH BRUNSWICK, NJ – 09-2021–PRESENT**

### **7-Eleven, Senior Android Developer**

- Developed, test, maintain and optimized 7-11 internal native android applications used by 60k+ stores
- Optimized the content provider used by other application for inventory management and POS
- Implemented sync to make sure the client data is up-to date with the server, certificate pinning to access external services and support older devices which could not be updated through CMS
- Designed a resilient solution that works with both the 4G connection and store wifi
- Strong understanding of threading and mobile memory management
- Participated in code reviews, code scans, ensuring code quality, standards, and best practices are followed
- GitLab for version control and CI/CD pipeline, Jira for issue tracking and Jenkins for builds

### **Omnichord, React Native Developer**

- Design, develop, test, and maintain mobile applications using React Native
- Experienced with native mobile development for iOS and Android platforms
- Developed and designed WireGuard VPN SDK for both iOS and Android and wrapper to expose the native modules to react native
- Implemented permissions, VPN service, NEPacketTunnelProvider, Network and NetworkExtension
- Bottom tab bar, top tab bar, drawer and stack navigation with react navigation
- Participated in code reviews, ensuring code quality, standards, and best practices are followed
- GitLab for version control and CI/CD pipeline

### **Vital Probe, React Native Developer**

- Design, develop, test, and maintain mobile applications using React Native
- Experienced with native mobile development for iOS and Android platforms
- Developed BLE SDK for both iOS and Android with Core Bluetooth for iOS and Bluetooth in android, parsers for raw data for BLE
- Live Sync and remote data sharing with Realm and MongoDB App Sync and Global state management with redux
- Designed and Developed highly performant charts for react native using swift charts and MPAndroidChart
- Bottom tab bar, top tab bar, drawer and stack navigation with react navigation
- Developed OTA updates using Nordic Semiconductor DFU library for both iOS and Android
- Implemented push notification, authentication, background processing for both Android and iOS
- Designed MongoDB schema, implemented both partition and flexible sync, designed functions and web hooks for authentication and live sharing
- Participated in code reviews, ensuring code quality, standards, and best practices are followed
- Ensuring application is HIPPA Compliant by following HIPPA guidelines
- GitLab for version control and CI/CD pipeline

### **1199SEIU MyAccount, React Native Developer**

- Design, develop, test, and maintain mobile applications using React Native
- Experienced with native mobile development for iOS and Android platforms
- Implemented push notification, document picker, image picker and cropper, animation with reanimated and animated api and biometric authentication
- Bottom tab bar, top tab bar, drawer and stack navigation with react navigation
- Global state management with react context, local caching with async storage and Keychain and Keystore for sensitive information

- Participated in code reviews, ensuring code quality, standards, and best practices are followed
- Work in an agile development environment, participating in sprint planning, daily stand-ups, and retrospectives
- Ensuring application is HIPPA Compliant by following HIPPA guidelines
- Experienced with APIs and integration with backend systems
- Strong understanding of AppStore and Play Store review process
- Code versioning and CI/CD pipeline with Azure DevOPS

**MOBILE ENGINEER, NEPO; BLACKLICK, OH – 07-2020–09-2021**

- Design, develop, test, and maintain mobile applications using React Native
- Experienced with native mobile development for iOS and Android platforms
- Proficiency in debugging and testing React Native applications, including tools like Jest, React testing Library and Enzyme
- Expertise in JavaScript and TypeScript, functional programming, and asynchronous programming
- Implemented location services, deep linking, universal linking, push notification, image picker, animation with reanimated, biometric authentication, live chat, image caching, api caching, location services and dynamic layout
- Designed custom hooks, global storage with redux and react context, local storage with async storage and MMKV
- Developed internal tool for user, store, order and inventory management
- Experienced with APIs and integration with backend systems
- Strong understanding of AppStore and Play Store review process
- Code versioning and CI/CD pipeline with GitHub and GitHub actions

**MOBILE ENGINEER, PATHIVARA SOFTWARE; REYNOLDSBURG, OH – 09-2017–07-2020**

- Design, develop, test, and maintain iOS applications
- Built complex applications for the iPhone and iPad using Objective-C, Swift with the iOS SDK and other frameworks
- Experienced building maintainable and testable code bases, including API design and unit testing techniques

- Experience with multithreading programming and mobile memory management
- Understanding of Apple's design principles and interface guidelines and architectural patterns such as MVP, MVC and MVVM
- Strong understanding of Protocol and Delegate and Singleton pattern in iOS
- Experience in using Xcode provided tools like Debug Memory Graph, Debug View Hierarchy, Instruments for Profiling
- Experience working with API integration
- Implemented location services, push notification, layout animation, biometric authentication, UICollectionView and UITableView
- Strong understanding of AppStore review process
- Code versioning with GitHub

## Education

Lindenwood University, Saint Charles, MO - B.S. Computer Science