# Uma Shankar

## Senior Mobile Application Developer

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**Open to Remote (Global) | Willing to Relocate**

## Professional Summary

Senior Mobile Application Developer with over 7 years of experience and a proven record of shipping 50+ production mobile applications across iOS and Android. Proficient in Swift, React Native, ReactJS, JavaScript, TypeScript, and Web3.js, with hands-on experience in Agile/Scrum environments. Specialized in DeFi, CeFi, crypto exchange, crypto wallet, NFT marketplace, fintech, healthcare, e-commerce, food delivery, on-demand services, social media, and security technology. Experienced across the complete mobile application development lifecycle, including requirements gathering, architecture, API integration, QA testing, and deployment through the App Store and Google Play Store. Leverages AI-assisted development tools (Cursor, Claude) to accelerate development, debugging, testing, and code quality. Coached and mentored 10+ junior developers across 3 organizations, and is recognized by clients for consistent on-time project completion and high-quality output.

## Technical Skills

**Core Technologies:** React Native, Swift, iOS Development, ReactJS, JavaScript (ES6+), TypeScript, Cross-Platform Mobile Development, Mobile Application Development

**Mobile Development:** iOS SDK, UIKit, Auto Layout, Push Notifications, Background Services, Offline Storage, Threading, Concurrency, Core Location, Deep Linking, Deferred Deep Linking, Universal Links (iOS), App Links (Android), Keychain, Swift Package Manager (SPM), App Lifecycle, Performance Optimization, Memory Management

**Cross-Platform Development:** React Native for iOS and Android, Redux, Redux Toolkit, React Navigation, React Hooks, Native Modules, Context API, Expo, New Architecture (Hermes Engine, Fabric, Turbo Modules)

**Blockchain and Web3 Technologies:** Web3.js, Ethers.js, Decentralized Finance (DeFi), Centralized Finance (CeFi), Crypto Exchange, Crypto Wallet, NFT Marketplace, Smart Contract Integration, MetaMask, Web3Auth, EVM-Compatible Wallets, Token Transactions, RWA, P2P Trading, Spot Trading, Futures Trading, Fund Transfer, Swap, Buy, Sell

**Databases and Storage:** Firebase, Firestore, Realm, Core Data, UserDefaults, AsyncStorage, MMKV, iCloud, AWS S3

**Software Architecture and Methodologies:** MVC, MVVM, SOLID Principles, Modular Architecture, Agile/Scrum, Sprint Planning

**Payments and Monetization:** RevenueCat, In-App Purchases for iOS and Android, Subscription Management, Stripe, Razorpay

**Authentication and Integration:** Sign in with Apple, Google Sign-In, Facebook Login, Firebase Authentication, Twitter Login, Web3Auth, JWT, OAuth 2.0, REST APIs, API Integration, WebSocket, Socket.io, Axios, BLE, Wi-Fi and Hotspot, ESP32

**Analytics, Monitoring, and Crash Reporting:** Firebase Analytics, Crashlytics, CleverTap, Rollbar, Sentry, AppsFlyer

**Development and Project Management Tools:** Git, GitHub, Xcode, Android Studio, VS Code, Flipper, React Native Dev Tools, Postman, SourceTree, Figma, Jira, CI/CD (Fastlane, Bitrise, GitHub Actions)

**App Distribution and Deployment:** App Store, TestFlight, Play Store, Firebase App Distribution, OTA Updates

**AI Development Tools:** Claude, Cursor, Antigravity, Lovable, Replit, Base44, Stitch, Emergent, Claude Design, Google Gemini

## Work Experience

### Senior React Native Developer

*Antier Solutions Pvt. Ltd., Mohali, Punjab | Aug 2021 - Present*

- Spearheaded mobile and web development for 7+ blockchain and Web3 products within a cross-functional Agile team of 10+ engineers, completing all milestones on schedule.
- Engineered RapiXchangE, a CeFi crypto exchange application for iOS and Android supporting buying, selling, and swapping of Bitcoin and 8 other cryptocurrencies with an integrated wallet and external transfer capability. The application achieved 50,000+ combined downloads and 10,000+ daily active users across the App Store and Google Play Store.

- Architected BlockDAG, a cloud-based crypto miner application for iOS and Android. The application reached 50,000+ downloads on iOS and 100,000+ downloads on Android with 150,000+ daily active users at peak, making it one of the highest-traction products in the portfolio.
- Constructed EDX, a full-featured CeFi crypto exchange application for iOS and Android, incorporating P2P trading, spot trading, isolated and cross futures trading, buy, sell, and swap functionality, and internal and external fund transfer. The application was recently published on the App Store and Google Play Store.
- Produced Striker for Mobile Premier League (MPL), an NFT-based fantasy sports iOS application, completing the full build within a 6-month development cycle.
- Reduced average application load time by 40% across 3 projects by optimizing API call handling and API integration, introducing lazy loading strategies, and resolving critical memory management bottlenecks.
- Integrated Web3.js, MetaMask, Web3Auth, and EVM-compatible smart contracts across 3+ DeFi and NFT marketplace products, enabling seamless on-chain transactions for end users.

**iOS Developer**

*Dev-Story Pvt. Ltd., Chandigarh, Punjab | Feb 2020 - Aug 2021*

- Independently managed the complete iOS development lifecycle for 6+ applications while coordinating with international clients and coaching 5+ junior developers and trainees.
- Built Mind and Mom, a healthcare pregnancy wellness application for iOS and Android. The application gained 100,000+ combined downloads, is trusted by 100,000+ mothers worldwide, and offers 250+ prenatal exercises and 100+ guided meditation sessions across all 281 days of pregnancy.
- Initiated XGuard, an on-demand security-guard hiring application, live in the United States, Australia, the United Kingdom, and New Zealand. The application features armed and unarmed guard bookings, bodyguard services, 24/7 dispatch for urgent requests, and Stripe payments released only upon shift confirmation.
- Created My Mathy, an EdTech iOS application with step-by-step math problem solving, 7 progressive difficulty levels, and gamified brain training quizzes. The application was published on the App Store and rated 4+ stars by users.
- Completed Handy SG, an on-demand home services iOS application for Singapore, covering 10+ service categories. The application was published on the Singapore App Store and Play Store.
- Incorporated RevenueCat subscription management and In-App Purchases across 2+ cross-platform applications, enabling recurring monthly revenue streams for clients.
- Shipped OT Pub and Gambarler, 2 lifestyle iOS applications with real-time drink pricing and interactive ordering. Both applications were published on the Indian App Store and Play Store.

**iOS Developer**

*Quventix Solution Pvt. Ltd., Mohali, Punjab | Jan 2019 - Feb 2020*

- Completed a 6-month internship in iOS Development and was subsequently converted to a full-time iOS Developer role based on performance.
- Independently designed, built, and submitted 2 production iOS applications with full ownership of requirements gathering, development, QA testing, and App Store submission.
- Introduced Hungry Hub, a dining offer application for Southeast Asia featuring 3,000+ restaurants and hotels across Thailand, Singapore, and Malaysia, spanning Michelin-recommended venues to local dining options. The application has 500,000+ downloads and holds a 4.2-star rating from 20,200+ reviews on the App Store.
- Established Chime, a clinical knowledge-exchange iOS application for Exactech, enabling 500+ orthopedic surgeons, podiatrists, residents, and allied healthcare professionals to collaborate and share clinical insights. The application was published on the US App Store.
- Incorporated REST API integration, push notifications, Core Data, offline storage, and 10+ third-party SDK integrations across all applications to ensure reliable performance.

## Key Achievements

- Shipped 50+ production mobile applications across iOS and Android platforms over 6 years, spanning 9+ industry domains including fintech, healthcare, Web3, and e-commerce.
- Reached 150,000+ daily active users on BlockDAG with 50,000+ iOS downloads and 100,000+ Android downloads.
- Achieved 50,000+ combined downloads and 10,000+ daily active users on RapiXchangE across the App Store and Google Play Store.

- Contributed to Mind and Mom reaching 100,000+ combined downloads and serving 100,000+ mothers across iOS and Android.
- Supported Hungry Hub in reaching 500,000+ downloads and a 4.2-star rating from 20,200+ user reviews across Southeast Asia.
- Reduced average application load time by 40% through API optimization and lazy loading improvements across 3 projects.
- Coached and mentored 10+ junior iOS developers and trainees across 3 organizations.
- Distributed applications across 100+ international markets, including the United States, India, the United Kingdom, Australia, New Zealand, Singapore, and Thailand.

## Education

**Bachelor of Technology in Computer Science Engineering**
*Quest Group of Institutions, Mohali, Punjab | I.K.G. Punjab Technical University | April 2019*

## Additional Information

Languages Known: English, Hindi | Nationality: Indian | Location: Hajipur, Bihar, India