

HARI KRISHNA BISTA

iOS Developer

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SUMMARY

Passionate iOS Developer with 9+ years of experience building and delivering high-performance mobile applications across social, health, and real-time communication domains. Proven leadership in team mentoring, app architecture, and CI/CD workflows. Adept at using advanced frameworks including AVFoundation, Metal, and SwiftUI to create seamless user experiences with a focus on performance optimization and scalability.

TECHNICAL SKILLS

Languages & Platforms: Swift, Objective-C, iOS, Swift Concurrency, JavaScript, HTML, CSS

Frameworks: UIKit, SwiftUI, AVFoundation, CoreData, CoreLocation, Core Animation, Combine, HealthKit, ResearchKit, StoreKit, Contacts

Persistence & Networking: URLSession, Alamofire, CoreData, Keychain

Architecture/Patterns: MVVM, Combine, RxSwift

Testing: XCTest, XCUITest

Tools: Git, Jira, Fastlane, CocoaPods, Swift Package Manager (SPM), Instruments, Postman

CI/CD & Deployment: App Store Connect, TestFlight, Bitbucket

APIs & Services: Firebase, Stripe, AWS (S3, Chime), Google Calendar, Google Places, XMPP

Graphics/Media: Metal, CoreImage

Design Collaboration: Figma

Other Skills: Performance Optimization, Memory Management, Team Mentoring, Agile Development, App Localization

LEARNING & DEVELOPMENT

Currently Learning: React.js

CORE COMPETENCIES

Technical Excellence: iOS Product Design & Architecture • End-to-End Mobile Lifecycle Management • Algorithm Implementation • Performance Optimization • Memory Management

Leadership & Process: Team Leadership • Technical Analysis • Code Reviews • CI/CD Pipelines • Agile Development

Quality & Delivery: Risk Assessment • App Localization • Testing & Quality Assurance

PROFESSIONAL EXPERIENCE

Freelance iOS Developer

Remote | 2024 – Present

- Developing a professional-grade video editing app using AVFoundation, Metal, and CoreImage
- Implementing real-time effects, GPU-accelerated rendering, and advanced performance optimization techniques
- Utilizing Swift Concurrency for efficient asynchronous operations and improved app responsiveness

Senior iOS Developer – Ebpearls Pvt Ltd

Kathmandu, Nepal | 2018 – 2024

- Developed reusable SwiftUI components and SDKs that reduced iOS app development time by 80%
- Led cross-functional project teams, architected complex features, and managed CI/CD pipelines with Bitbucket and Fastlane
- Mentored junior developers and consistently facilitated successful sprint goal achievement
- Delivered social media and dating apps featuring offline caching, Lottie animations, AWS S3 integration, video optimization, and real-time video calls
- Implemented comprehensive testing strategies using XCTest and XCUITest to ensure code quality and reliability

Software Development Analyst – NTT Data Services

Bengaluru, India | 2015 – 2018

- Built internal analytics applications, health data sharing tools, and ResearchKit-based survey applications
 - Developed wearable applications for NTT Docomo and maintained legacy Objective-C codebases
 - Collaborated with design teams using Figma to ensure pixel-perfect UI implementation
 - Implemented secure data persistence solutions using Keychain and CoreData
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EDUCATION

Bachelor of Engineering in Information Science & Engineering

Atria Institute of Technology | 2011 – 2015

Diploma in Computer Engineering

Thapathali Campus, Kathmandu | 2008 – 2010

AWARDS & RECOGNITION

Bronze Award – NTT Data: Recognized for outstanding performance and technical excellence

LANGUAGES

English • Hindi • Nepali