Harsh Darji

Senior iOS Engineer | Swift • UIKit • SwiftUI • Scalable Architecture • Performance Optimisation

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Senior iOS Engineer with 5.5+ years of experience building scalable, high-performance applications using Swift and UIKit. Led and delivered 20+ iOS apps and contributed to 35+ products across multiple domains.

Expert in UIKit architecture, performance optimization, offline-first systems, and secure integrations with Firebase and REST APIs. Proven track record in modernizing legacy codebases, reducing crashes, and improving app stability.

Strong focus on clean, maintainable architecture and engineering best practices. Effective communicator with proven English proficiency (IELTS 6.5), experienced in collaborating with cross-functional and international teams.

Open to cross-platform development (React Native, Flutter), with a strong mobile engineering foundation enabling rapid learning and seamless adaptation to new technologies.

Professional Experience

Senior iOS Mobile Application Developer | Evince Infotech — Surat / Rajkot, Gujarat (Remote)
October 2024 – Present

- Took ownership of **modernizing legacy iOS applications**, aligning them with latest platform standards and long-term stability
- Played a key role in **Swift migration (3–4 → 5–6)**, introducing async/await and structured concurrency into production systems
- Addressed deep-rooted issues by **improving memory management**, removing retain cycles, and stabilizing threading
- Defined and evolved the **networking layer architecture**, ensuring secure authentication and reliable API communication
- Reduced technical debt by **replacing deprecated APIs and SDKs**, improving maintainability
- Worked closely with clients and stakeholders, **translating business needs into technical execution**

Senior iOS Software Developer | HK Infosoft — Ahmedabad, Gujarat
March 2024 – July 2024

- Contributed to scaling an **enterprise iPad application**, improving performance under real-world usage
- Introduced **offline-first capabilities**, enabling uninterrupted workflows during network issues
- Built **secure multi-camera recording flows**, handling front and rear capture with real-time processing
- Delivered a **secure video pipeline**, including encryption and Firebase Storage integration
- Engaged directly with clients, **shaping requirements and aligning delivery with expectations**

Senior iOS Developer | Ambiw — Rajkot, Gujarat
August 2022 – February 2024

- Owned delivery of **end-to-end iOS applications**, from requirement discussions to App Store releases
- Drove improvements in **performance and memory efficiency (~10%)**, enhancing user experience
- Resolved production issues by **fixing memory leaks and networking bottlenecks**, improving stability
- Established **clean architecture and reusable components**, enabling faster development
- Expanded product capabilities with **watchOS extensions and widgets**
- Acted as a bridge between clients and engineering, **leading discussions and technical direction**
- Supported team growth by **mentoring developers and guiding best practices**

Junior iOS Developer | Unused Brain Studios — Rajkot, Gujarat
January 2022 – May 2022

- Contributed to **crypto wallet development**, integrating Web3 SDKs for secure transactions
- Improved existing systems by **refactoring codebases**, enhancing performance and maintainability
- Delivered **scalable features** across social and service-based applications
- Collaborated with team members to ensure **timely delivery and code quality**

Junior iOS Developer (Intern → Full-Time) | Tilva ArtSoft — Rajkot, Gujarat
December 2019 – November 2021

- Supported development and release of **multiple iOS applications** on the App Store
- Worked on **REST API and Firebase integrations** across domains
- Improved application stability through **bug fixes and performance optimizations**
- Contributed across the **full development lifecycle**, including testing and deployment

Education

IELTS-certified English proficiency (Band 6.5), enabling effective communication with international clients

Master of Science (M.Sc.) in IT & Computer Applications, Saurashtra University (2020 – 2022) — Graduated with *8.3 CGPA*, Rajkot, Gujarat

Bachelor of Science (B.Sc.) in Information Technology, Atmiya University (2017 – 2020) — Graduated with *8.9 CGPA*, Rajkot, Gujarat

Published IOS Applications (Live On App Store)

- **Marketplace Platform (Classifieds & Commerce Application)** — Designed and delivered a scalable buy–sell system across agricultural and consumer use cases, with **10K+ active users**, **performance optimization**, **efficient image handling**, and **secure API communication** to ensure reliable usage at scale. **App Store** *(clickable)*
- **Transport & Logistics Management Application** — Built a scalable mobile solution for **vehicle booking**, **trip management**, and **logistics coordination**, featuring **real-time tracking**, **service management workflows**, and **secure data handling**, ensuring a smooth and performance-optimized user experience. **App Store *(clickable)***
- **Crypto Wallet Application (Web3 & Blockchain Platform)** — Developed a secure wallet solution using Web3 SDKs, enabling **secure transactions**, **wallet balance tracking**, and **token management**, with a focus on reliable and scalable blockchain interactions.
- **Personal Recipe Management Application** — Developed a structured solution for managing recipes with **category-based organization**, **ingredient search**, **meal planning**, and **shopping list management**, along with **offline access** to ensure seamless usage without internet. **App Store *(clickable)***
- **Mobility & Car Rental Platform (Customer + Dealer Ecosystem)** — Delivered a full-stack rental solution from concept to deployment, enabling **vehicle booking**, **dealer management**, **inventory handling**, and **secure transactions**, supporting a scalable and production-ready ecosystem. **App Store**
- **Short Video Streaming Platform (Social Media & Content Ecosystem)** — Developed a high-performance video platform with **short-form video streaming**, **HD playback**, **content upload**, **user subscriptions**, and **personalized recommendations**, enhanced by **efficient buffering**, **scalable backend integration**, and a smooth UIKit-based user experience.**App Store *(clickable)***
- **Insurance Management Platform (Policy & Claims System)** — Delivered a scalable solution from concept to deployment, enabling **policy management**, **claims processing**, **secure user data handling**, and **document management**, ensuring a reliable and user-friendly experience. **App Store**
- **On-Demand Laundry Service Platform** — Built a scalable booking solution with **service scheduling**, **online payments**, and **push notifications**, along with **order tracking** and **status updates** to deliver a seamless user experience. **App Store**
- **Healthcare Learning Platform (Mnemonics-Based Education System)** — Built an interactive solution to simplify complex medical concepts using **visual mnemonics** and **structured content delivery**, with **content protection mechanisms** including restricted access, secure media handling, and prevention of unauthorized sharing, ensuring reliable learning and content integrity.**App Store**
- **Telemedicine & Healthcare Platform (Doctor–Patient Ecosystem)** — Delivered a comprehensive solution with **video consultations**, **dual-role user flows (doctor & patient)**, **home lab test bookings**, and **appointment management**, enabling a seamless and scalable digital healthcare experience. **App Store**
- **Donation & Campaign Management Platform (Non-Profit Ecosystem)** — Built a scalable solution for **donation processing**, **campaign tracking**, and **user engagement**, extended with **watchOS application** and **widgets** for real-time access and improved accessibility across Apple devices. **App Store**
- **Location-Based Deals & Discounts Platform (NYC Market)** — Delivered a targeted solution for **local deal discovery**, **discount management**, and **location-based content delivery**, optimized for the NYC market with a smooth and scalable iOS experience. **App Store**
- **E-Commerce Platform (Perfume & Retail Application)** — Delivered a full-cycle solution from concept to deployment, enabling **product catalog management**, **secure checkout & payments**, **order tracking**, and **user account management**, ensuring a smooth and scalable shopping experience. **App Store**
- **Business & Trading Management Platform (Commission-Based Operations)** — Developed a scalable solution for **commission tracking**, **transaction management**, and **account reconciliation**, enabling efficient handling of trading workflows with reliable and performance-optimized operations. **App Store**
- **Community Engagement Platform (Events, Local Business & Media Streaming)** — Built a location-focused solution for Scioto County, Ohio, featuring **event listings**, **local business discovery**, and **live radio streaming**, enabling real-time community engagement through a scalable iOS experience. **App Store**
- **Auction & Event Management Platform (Stadium Operations System)** — Delivered end-to-end solutions for **auction handling**, **event scheduling**, and **participant management**, with **real-time bidding workflows** and **stadium operations coordination**, ensuring scalable and efficient event execution. **App Store *(clickable)***
- **Video Streaming Platform (YouTube-like Content Ecosystem)** — Delivered an end-to-end solution with **video upload**, **HD playback**, **user subscriptions**, and **personalized recommendations**, integrated with **reward-based coin system** and **Google Ads monetization**, ensuring scalable performance and smooth user engagement.
- **Art Marketplace Platform (iOS Application)** — Delivered an iOS implementation of an online art ecosystem featuring **gallery browsing**, **auction participation**, and **artist discovery**, ensuring a smooth and scalable marketplace experience. **Android Reference**

(clickable)

Portfolio Projects (GitHub/Dev1008iharsh)

- **TeaTimeHarsh** – Modular **programmatic with storyboard UIKit** app with **Firebase Auth/Firestore/Storage, offline-first Core Data sync, GoogleMapKit, media uploads, background tasks, network monitoring, caching, animations, and scalable data modeling**. **GitHub *(clickable)***
- **QuizAppHarsh** – Dynamic quiz platform using **MVVM, server-driven content, Auto Layout adaptive UI, closures, Singleton state management, advanced AdMob integration (Banner/Interstitial/Rewarded/App-Open), and optimized loading strategies**. **GitHub *(clickable)***
- **HarshChat —** Modular programmatic UIKit app with **Firebase Realtime DB/Auth, reactive MVVM architecture,** sub-second message delivery**, advanced spring animations, media optimization, and scalable real-time sync for users.** **GitHub** *(clickable)*
- **AI Chat Application** – UIKit chat app integrating **Google Gemini APIs, text & image generation, Markdown rendering, dynamic UITableView cells, request routing, and modular clean architecture** for scalable AI features. **GitHub** *(clickable)*
- **NewsAppHarsh** – Swift + UIKit app using **MVVM, Core Data offline storage, URLSession networking, pagination, background sync, image caching (memory+disk), WebView integration, Swift Concurrency**, and **AdMob monetization**. **GitHub** *(clickable)*
- **TwitterHarsh** – Twitter/X-inspired app with **Firebase email authentication**, user profiles, tweets, photos, and **hashtag search**. Includes **All/My Tweets feeds**, **profile editing**, **custom photo picker** (camera, crop, filters), and **Dark/Light mode**. Built with **Firestore, Firebase Storage, and Combine**. **GitHub** *(clickable)*
- **HarshFlix (Netflix Clone)** – Swift-based movie trailer app using **TMDB & YouTube APIs** with **search**, category tabs, **in-app playback**, **Dark/Light mode**, **Core Data** offline saves, and enhanced visual effects.**GitHub** *(clickable)*
- **Harsh iShop (E-commerce App)** – End-to-end e-commerce app built **from UI design to deployment**, supporting **product listing, search, cart, coupons, order placement/cancellation**, **delivery date & time selection**, **Google Maps with address autocomplete (lat–long)**, **payment gateway**, **customer support (Freshchat SDK)**, **multi-language support (English & Arabic)**, and **REST APIs with MVC architecture**.**GitHub** *(clickable)*
- **MatchingHarshCard** – Interactive **card-matching puzzle game** with timed gameplay, smooth touch controls, and sound effects, designed to enhance **memory and focus** while providing a fun experience for all age groups.**GitHub** *(clickable)*
- **AuraEcomShop** – E-commerce iOS application built using **Firebase** and **entirely in Swift with a programmatic UI (no Storyboards)**. Designed with **clean, scalable architecture** and **modular code structure**, following industry-standard iOS best practices.**GitHub** *(clickable)*
- **SwiftGenericApiMVVM** – Implemented a **generic, reusable networking layer** using **URLSession** with **MVVM architecture**, centralized API handling, and memory-safe design to ensure clean, scalable, and bug-resistant network management.**GitHub** *(clickable)*
- **HarshVariousApiCode** – Built a **reusable iOS utility and networking framework** to speed up development across apps. Includes **custom image downloading with caching**, **generic TabBar**, **barcode handling**, **common utility classes**, **ImagePickerManager**, **image upload using URLSession**, **Alamofire image upload**, **LocationManager**, **generic API clients using URLSession(Apple's way)**, **generic Alamofire networking**, and **Swift models with SwiftyJSON parsing**. Designed with **scalable, memory-safe architecture**, allowing developers to integrate features by simply calling shared classes, significantly reducing repetitive code and development time.**GitHub** *(clickable)*

Technical Skills & Expertise

- **Languages & UI Frameworks:** Swift, UIKit (Primary), SwiftUI (working knowledge), Combine
- **Architecture & Design:** MVC, MVVM, Clean Architecture, Modular Design, SOLID Principles, Dependency Injection
- **Networking:**REST APIs, GraphQL, URLSession, WebSockets, API Security, Request Optimization
- **Databases & Persistence:** Core Data, Realm, Firebase Firestore, Offline-First Data Handling, Caching Strategies
- **Cloud & Backend Integration:** Firebase (Authentication, Firestore, Storage, Analytics, Cloud Messaging), Secure Data Sync
- **System Frameworks:** Core Location, MapKit, AVFoundation, Core Animation, Photos, UserNotifications
- **Performance Optimization:** Memory Optimization, Leak Detection, Efficient Rendering, Large-Scale Data Handling
- **Concurrency & Multithreading:** GCD, async/await, Swift Concurrency, Background Tasks, Operation Queues
- **Security:** Keychain Services, Secure Storage, Data Protection, Authentication Flows, Privacy Compliance
- **Tools & Delivery:** Xcode, Git/GitHub, CI/CD Pipelines, TestFlight, App Store Connect, Crash Monitoring
- **Mobile Platform Features:** Push Notifications, Background Processing, Deep Linking, Universal Links, In-App Purchases
- **Testing & Quality:** Unit Testing, Debugging, Production Issue Analysis, Stability Improvements