EUNMIN PARK

Senior iOS Developer | CTO | Full-Stack Engineer

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📍 Seoul, South Korea (Open to Remote Work with US Companies)

PROFESSIONAL SUMMARY

Results-driven iOS Developer with **6+ years of experience** specializing in native iOS development using Swift and SwiftUI. Proven track record of leading cross-functional teams as CTO, delivering award-winning applications, and filing patents for innovative AI-based solutions.

Government-recognized developer: Won the **Excellence Award at 2024 Open Data Forum (ODF)** from Korea National Information Society Agency (NIA) for the Woorinara app helping foreign residents navigate Korean civil services.

TECHNICAL SKILLS

Languages	Swift, Objective-C, SwiftUI, Java, Kotlin, PHP, JavaScript, TypeScript, HTML/CSS, SQL, Dart
iOS/Mobile	UIKit, SwiftUI, Core Data, Core Location, AVFoundation, Combine, Swift Package Manager, CocoaPods
Cross-Platform	Flutter (Dart), Provider, Riverpod, BLOC
Backend	Node.js, Java Spring, PHP, Python, RESTful API Design
Databases	MariaDB, MySQL, SQLite, Firebase Realtime DB
Cloud/DevOps	AWS (EC2), Nginx, Apache, Netty
APIs/SDKs	Firebase (Auth, Cloud Messaging, Analytics), Google Maps SDK, Alamofire, YouTube API, Facebook API
Protocols	HTTP/HTTPS, TCP/IP, RTMP, WebSocket
Tools	Xcode, Git, GitHub, TestFlight, App Store Connect, Figma

PROFESSIONAL EXPERIENCE

CTO & iOS Developer

Zypher | Seoul, South Korea | August 2024 – December 2024
- Led frontend development and overall project management for award-winning Woorinara app
- Directed a team of 5 developers through full product lifecycle: planning, development, testing, and deployment
- Implemented SwiftUI-based iOS application with AI chatbot integration for multilingual support
- Achieved Excellence Award from NIA at 2024 Open Data Forum for public data utilization

CEO & Full-Stack Developer

High Software | Seoul, South Korea | October 2021 – March 2024
- Founded and led software development company delivering iOS, Android, and web solutions
- Filed patent for AI-based startup storytelling platform (Patent Application No: 10-2023-0022550)
- Developed Market-Mate: Flutter-based platform connecting traditional market vendors with entrepreneurs

- Built and deployed multiple production apps: HighNear (location-based service), HighWork (job board), HighMall (e-commerce)

iOS Developer

Digital Zone Co., Ltd. | Seoul, South Korea | April 2021 – October 2021
- Led iOS development for Blockchain-based Low-Tech Technology Trading Platform (Government PoC Project)
- Implemented DID (Decentralized Identity) authentication and blockchain electronic contracts
- Migrated legacy Objective-C codebase to Swift 5, upgraded UIWebView to WKWebView
- Successfully deployed apps to App Store meeting all compliance requirements

Developer Trainee & Instructor

Team Nova Professional Development Academy | Seoul, South Korea | February 2019 – July 2020
- Completed intensive full-stack development training in iOS, Android, and web technologies
- Promoted to instructor role; mentored junior developers in mobile development fundamentals
- Developed curriculum materials for iOS development courses

FEATURED PROJECTS

🏆 Woorinara - Foreign Resident Civil Service Helper

Award-Winning Government-Recognized Application

Platform	Team Size	Duration	Achievement
iOS (SwiftUI)	5 members (Frontend Lead & Dev Manager)	Aug 2024 – Dec 2024	Excellence Award - 2024 ODF (NIA)

Description: One-stop civil service assistant app for foreign residents in Korea, featuring AI-powered multilingual chatbot, document translation with auto-fill functionality, and community features for sharing information about living in Korea.

Key Features:
- AI Chatbot Service: Multi-language support (ChatGPT-based), civil document info, immigration office location finder
- Document Processing: Integrated application form translation and AI-powered auto-completion
- ARC (Alien Registration Card) Scanner: OCR-based ID scanning for automatic form population
- Community Platform: Information sharing for foreign residents, integrated with Hi Korea website

Tech Stack: SwiftUI, Java (Spring), Python, MariaDB, Apache/Nginx, RESTful API, Firebase, Swift Package Manager
Status: Currently under iOS App Store review (TestFlight deployed)

📱 Market-Mate - AI Startup Brokerage Platform

Patent-Filed Innovation (Application No: 10-2023-0022550)

Platform	Team Size	Duration	Achievement
iOS, Android (Flutter)	2 members (Flutter Frontend Lead)	May 2023 – Jan 2024	Patent Application Filed

Description: AI-powered platform connecting traditional market vendors with aspiring entrepreneurs, featuring automated service registration and startup know-how matching system.

Key Features:
- Traditional Market Digitization: Connect market experts' know-how with new business owners
- AI Auto-Registration: Image-based startup storytelling AI system reduces IT barriers for elderly vendors
- B2B Wholesale Brokerage: Systematic wholesale delivery platform for small business owners

My Role: Planning, UI/UX Design, UI Implementation, API Integration, State Management, iOS/Android App Store Deployment
Tech Stack: Flutter (Dart), JavaScript, Java (Spring), MariaDB, RESTful API, Firebase, Provider, Riverpod, BLOC

🔗 Blockchain Low-Tech Technology Trading Platform

2021 Ministry of Science and ICT Blockchain PoC Support Project

Platform	Team Size	Duration	Achievement
iOS (Native), Web, Blockchain	Multi-team (iOS Development Lead)	Aug 2021 – Oct 2021	Government PoC Project

Description: Government-backed blockchain platform for secure technology trading with electronic contract functionality and DID authentication.

Key Implementations:
- DID Authentication: Decentralized identity verification using PASS mobile authentication

- Biometric Security: FaceID/TouchID integration with PIN-based backup authentication
- QR Login System: Seamless web-to-app authentication flow
- Payment Integration: Point system with NICEPay payment gateway

Tech Stack: Swift, JSP, JavaScript, Blockchain integration

📚 Back To School - Educational Streaming Platform

Live on App Store

Platform	Team Size	Duration	Achievement
iOS (Native), Web	Solo Developer	34 weeks	App Store Published

Description: Netflix-inspired educational streaming service built during COVID-19 to help students access quality remote education. Features live streaming, VOD content, and interactive study materials.

Key Features:
- Live Streaming: YouTube Live, RTMP, and custom streaming support with real-time VOD conversion
- Custom Video Player: Built from scratch supporting multiple video platforms (YouTube, Vimeo, MP4)
- Study Materials: Upload, download, edit, crop, draw annotations, and share materials
- Social Authentication: Apple, Google, Facebook login integration
- Admin Dashboard: Full web admin panel for content management, user management, and analytics

Tech Stack: Swift, JavaScript, Java (Spring), PHP, MariaDB, Apache/Nginx, Netty, AWS EC2, HTTP/TCP/RTMP
App Store: apps.apple.com/us/app/back-to-school/id1549813076

ADDITIONAL PROJECTS

AURIM - Automatic Sound Attendance System

Platform: iOS (Native), Android (Native) | **Role:** iOS Developer
Innovative attendance system using sound frequency detection. Built custom Sound library converting audio input to integer data for attendance verification. Technologies: Swift, Objective-C, Java, Kotlin, JavaScriptCore, Alamofire

HIGHNear - Location-Based Mobile Service

Platform: iOS (Native) | **Role:** iOS Developer (Team of 2)
Location-aware service app featuring nearby store discovery, reviews, and map-based store visualization. Technologies: Swift, Objective-C, JavaScript, Java (Spring), Core Location, Google Maps SDK, FCM, Google Places API

HighWork - Job Recruitment Web Platform

Platform: iOS, Web | **Role:** Solo Full-Stack Developer (34 weeks)
Complete job board platform with employer/job seeker matching. Technologies: Swift, JavaScript, PHP, MariaDB, Apache/Nginx, HTTP/TCP/RTMP

HighMall - E-Commerce Web Platform

Platform: iOS, Web | **Role:** Solo Full-Stack Developer (34 weeks)
Full-featured online shopping mall with product catalog, cart, checkout flow. Technologies: Swift, JavaScript, PHP, MariaDB, Apache/Nginx

Mini Talk - Real-Time Chat Application

Platform: Android, Web | **Role:** Solo Developer (2 weeks)
Real-time messaging app with image sharing, online/offline status, Firebase push notifications. Built custom Netty server framework for socket communication. Technologies: Java, MySQL, Netty Server, Retrofit, Glide, FCM

Web Civil Service Center - Certificate Issuance Service

Platform: iOS | **Role:** iOS Developer - Maintenance & Migration
Graduation/enrollment certificate issuance system. Migrated 2012 legacy Objective-C codebase to Swift 5, upgraded deprecated UIWebView to WKWebView for App Store compliance. Successfully deployed to App Store.

EDUCATION

Bachelor's Degree in Business Administration | Credit Bank System (Online University)
Art Major (Studied 2011-2013) | Gangneung-Wonju National University

AWARDS & RECOGNITION

- 🏆 **Excellence Award** - 2024 Open Data Forum (ODF) Public Data Utilization Living Lab Project
  Awarded by Korea National Information Society Agency (NIA) for Woorinara app
- 📜 **Patent Application Filed** - AI-based Startup Storytelling Service Method (No: 10-2023-0022550)

LANGUAGES

Korean: Native
English: Professional Working Proficiency

AVAILABILITY

- Open to remote work with US companies
- Flexible hours to accommodate US time zones (EST/PST)
- Available for full-time or contract positions
- Strong async communication skills with experience in distributed teams