

BÙI HỮU ĐOÀN

Mobile Tech Lead | Flutter Lead | Senior Mobile Engineer

Hanoi, Vietnam | +84 989 006 188 | doanbh28@gmail.com

LEADERSHIP PROFILE

Hands-on Mobile Tech Lead / Senior Mobile Engineer with 9+ years of software engineering experience, combining deep Flutter implementation with architecture, technical planning, code review, mentoring and production ownership. Previously led an application/AI engineering department of up to 20 people and delivered 30+ mobile applications; currently owns major product development across the OXII/Karofi ecosystem, including IoT and enterprise workplace platforms.

Strong fit for lead roles that require an engineer who can stay close to the code while driving technical direction, breaking down complex work, coordinating with product/backend/QA, improving maintainability and supporting releases. Experienced with real-time chat, BLE/Beacon, IoT/device integration, native Android/iOS, CI/CD, Firebase and working-level AWS. Uses modern AI-assisted engineering tools to increase delivery speed without delegating architectural or review responsibility to the tools.

LEADERSHIP & ENGINEERING SCOPE

Technical Leadership: architecture decisions, technical planning, estimation, task breakdown, code review, mentoring

Flutter Engineering: Dart, Clean Architecture, modular/feature-first, BLoC/Cubit, Riverpod, Provider, DI

Delivery & Reliability: performance optimization, Crashlytics/Analytics, GitHub Actions, Xcode Cloud, Firebase

Product Ownership: end-to-end delivery, cross-functional collaboration, release ownership, production troubleshooting

Mobile Systems: Android/iOS native integration, WebSocket, BLE/Beacon, offline/cache, push, background/device features

Cloud / Backend: AWS EC2/S3/CloudFront (working knowledge), Linux, REST APIs, Node.js, Python, PHP

PROFESSIONAL EXPERIENCE

Senior Flutter / Mobile Engineer - Technical Ownership

OXII Smart Technology JSC | Hanoi, Vietnam | 01/2023 - Present

Selected products: Karofi 365 (K365) | Oxii Work | OXII portfolio | KAROFI portfolio

- Own technical execution across multiple production mobile products, from architecture and work breakdown through implementation, code review, mentoring, integration, release and production support.
- Drive architecture for scalable Flutter codebases using Clean Architecture, modular/feature-first organization, repository patterns and dependency injection; choose state-management approaches based on team/product constraints.
- Develop and maintain Karofi 365 (K365), an IoT consumer product with a 50,000+ user base, and solve mobile/device integration, connected-product and production-stability challenges.
- Lead implementation of major OxiiWork capabilities including real-time chat, BLE Beacon attendance, approval workflows, meeting-room/vehicle booking and enterprise operations.
- Design and troubleshoot real-time communication, offline/cache behavior, push notifications and native Android/iOS integrations across complex product flows.
- Review technical approaches and code, mentor team members, estimate work and coordinate delivery with product, backend and QA stakeholders.
- Improve mobile performance and operational reliability across startup, memory, rendering, networking and caching; use Crashlytics/Analytics for production diagnostics.
- Own delivery automation with GitHub Actions for Android and Xcode Cloud for iOS; work with Firebase and AWS EC2/S3/CloudFront as needed.

LEADERSHIP & DELIVERY TRACK RECORD

Freelance Mobile Engineer / Independent Product Owner

Client Projects | 06/2022 - 01/2023

Selected live product: [Austec Technology app](#)

- Owned complete mobile delivery for multiple client products independently, including requirements clarification, architecture, implementation, API/device integration, debugging, release and production maintenance.
- Built entertainment and social-networking apps for Thế Anh 28, including TikTok-style short-video experiences and core social interactions.
- Acted as the sole mobile engineer for Austec Group's main smart rolling-door control app, delivering the mobile product and connected-device integration.
- Built a Taobao/1688 cross-border ordering application for an import business through backend API integration.

Head of Mobile Apps & AI / Mobile Engineering Lead

Hung Ha Payment JSC | Hanoi, Vietnam | 09/2017 - 06/2022

- Led an application/AI engineering department of up to 20 people, setting technical direction, planning projects, breaking down work and allocating engineering tasks.
- Delivered and maintained 30+ Android/iOS applications across logistics, chat, attendance, HRM, CRM, DMS, payroll and broader enterprise digitization.
- Stayed hands-on across mobile, backend and AI implementation while supporting architecture, technical troubleshooting and production operations.
- Managed 10+ Linux servers and supported database/query optimization; built AI capabilities including facial recognition and text-to-speech.

Mobile Developer Intern

NAL | 02/2017 - 09/2017

- Developed native Android applications in Java and built foundational mobile engineering experience.

TECHNICAL TOOLKIT

Flutter / Mobile: Flutter, Dart, Android, iOS, Kotlin/Java, Swift, React Native

Realtime / IoT: WebSocket, BLE/Beacon, push, offline/cache, device/native integration

AI-assisted Engineering: Claude Code, OpenAI Codex, Cursor, Antigravity; implementation acceleration, debugging, refactoring, review-assisted workflows

Architecture: Clean Architecture, modular/feature-first, Repository Pattern, DI, design patterns

DevOps / Cloud: GitHub Actions, Xcode Cloud, Firebase, Linux, AWS EC2/S3/CloudFront

Management: technical direction, planning, estimation, task allocation, code review, mentoring, stakeholder coordination

EDUCATION & LANGUAGES

B.Sc. in Information Technology - Thuy Loi University | 09/2013 - 02/2018

Languages: Vietnamese (Native), English (Intermediate)

Target profile: Mobile Tech Lead / Flutter Lead / Hands-on Engineering Lead