

KY NGUYEN - Full-Stack Engineer

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WORK EXPERIENCE

Alongside - Full-Stack Engineer - Remote

07/2021 - Present

- Implemented seamless user onboarding on mobile apps utilizing Magic for email and phone number, allowing users to easily initiate trading activities by integrating with MoonPay, Wyre, and Plaid.
- Investigated, diagnosed, and significantly reduced login process time by **13 seconds** through the implementation of asynchronous and background checks.
- Developed efficient internal management tools for marketing and finance teams using Next.js, Supabase.

TokyoCatch - Senior Mobile Engineer - Remote

10/2019 - 06/2021

- Launched successfully a video streaming game on both iOS and Android platforms, garnering a substantial daily play count of **10,000** and generating **monthly revenue** amounting to **\$250,000**.
- Analyzed statistics and evaluated the efficiency of GraphQL subscription, leading to a **reduced failure rate of 22%** by transitioning to socket.io and improving the overall product.
- Achieved impressive **crash-free statistics of 99% on iOS and 98.73% on Android** by tracking crashes using Sentry and Firebase Crashlytics.
- Collaborated closely with the marketing team to enhance the deep linking infrastructure within the application, enabling seamless integration of new product features and supporting marketing initiatives.

Coinhako - Mobile Team Lead - Ho Chi Minh City

05/2017 - 10/2019

- Developed the application from the ground up, prioritizing security measures, bringing about an impressive **4.4 rating** and accumulating over **3800 positive reviews** from satisfied users.
- Expanded business operations, seamlessly integrating support for **31 currencies**, expanding into **4 countries**, and effortlessly localizing the application into **4 languages**, resulting in enhanced accessibility and a superior user experience worldwide.
- Streamlined development processes by expertly resolving dependencies between the mobile and backend teams, leading to **40% reduction in development time**.
- Analyzed competitors and market trends to identify opportunities for improvement, resulting in the successful introduction of new features and an enhanced user experience, solidifying the product's position as a market leader.

Moca - iOS Engineer - Ho Chi Minh City

06/2014 - 04/2017

- Optimized payment flow, **reducing transaction time by 17 seconds** to user experience and enhancing transaction efficiency.
- Refactored the project meticulously to Swift, prompting a remarkable **38%** improvement in **application performance**, boosting speed, responsiveness, and user satisfaction.
- Monitored user activities and promptly addressed feedback within a **4-hour** timeframe, demonstrating a dedicated commitment to customer support and ensuring positive user experiences.

PROJECTS

Hot Meal Challenge - Full-Stack Engineer

- Designed and developed a meticulously crafted iOS and Android application aimed at providing hot meals to individuals in need in London, leading to an impressive 194 donated meals within just 2 days of its launch.
- Implemented seamless payment experiences by integrating Apple Pay and Google Pay through Stripe, enhancing convenience and user satisfaction.
- Leveraged a robust tech stack including React Native, Nest.js, Supabase, Firebase, Heroku, Stripe, and NativeBase to deliver a high-performing and feature-rich application.

Worx360 - Full-Stack Engineer/Team Lead

- Enabled seamless employer and talent recruitment processes by implementing key features such as internal chat utilizing socket.io, integrating a secure payment system with Stripe, and implementing an efficient check-in system.
- Effectively led and supervised **a team of 3 developers**, conducting thorough code reviews, organizing regular one-on-one meetings, and providing mentorship to enhance the team's skills and capabilities.
- Regularly collaborated with the product owner and project manager to stay updated on project progress, discuss requirements, and ensure alignment with product objectives.

Acamp - Senior iOS Developer

- Implemented Apple Pay as a convenient payment option, significantly reducing the booking process to **less than 45 seconds**.
- Expanded the app's reach to Europe by incorporating support for **3 languages**, leveraging the Google Translate API for user-generated content, and implementing a flexible strategy to minimize expenses.
- Conducted A/B tests for new in-app features and App Store marketing strategies to enhance organic growth and improve overall user acquisition.

SKILLS

- **Product:** Agile, Communication, Product Design, UI/UX Design, Research, Leadership, Mentoring, Process Improvement
- **Technical:** iOS, Swift, SwiftUI, Objective-C, Android, Kotlin, React Native, Javascript, Typescript, Node.js, Next.js, Combine, MVVM, Clean Architecture, VIPER, REST API, GraphQL, Firebase, Realtime Database, Crashlytics, Figma, Git, GitHub, PostgreSQL, SQLite, Realm, AWS, Heroku, Vercel, Stripe, Supabase

ACTIVITIES

- **iOS Mentor:** Taught **280+ developers** to learn iOS and solve their problems
- **Speaker @ Swift Talk 2: Quality Battle I 2017:** Shared valuable insights on optimizing development performance while maintaining a healthy work-life balance to **100+ developers**.