KY NGUYEN – Senior iOS Engineer

nguyentruongky33@gmail.com • https://ky-dev.vercel.app • 0979002203

WORK EXPERIENCE

GFT - Senior iOS Engineer - Ho Chi Minh City   03/2024 - Present
- → **GXBank**
  - Successfully developed and seamlessly integrated MSME features as a modular package across multiple host applications in three countries.
  - Established a strong commitment to SOLID principles, particularly in dependency inversion and single responsibility, enabling exceptional scalability and reusability.
  - Implemented critical lending and payment workflows, leading to significant architectural improvements and greatly enhancing system stability.

TRIM Agency - Mobile Team Lead - Remote   09/2022 - 03/2024
- → **General Provision**
  - Directed a collaborative effort with **2 team members** to engineer a robust door unlocking mechanism using Kisi SDK and Bluetooth technology, seamlessly activated by tapping the phone to the door lock.
  - Orchestrated the continuous management of an all-in-one Slack bot, streamlining the booking process for cafes, rooms, and events, benefiting over **2,000 paid members**.
  - Implemented an advanced reward system and created a centralized learning and tutorial hub to captivate users within the ecosystem, even outside of working hours.
- → **Worx360**
  - Provided 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.
  - Led effectively 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.

Alongside - Software Engineer - Remote   07/2021 - 08/2022
- 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 1**0,000** and generating **monthly revenue** amounting to **$250,000**.
- Analyzed statistics and evaluated the efficiency of GraphQL subscription, leading to a r**educed 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
- Architected the application from the ground up, prioritizing security measures, bringing about an impressive **4.4 rating** and accumulating over **3,800 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.
- Organized 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 **2 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 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

[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, Sketch, Figma, Git, GitHub, PostgreSQL, SQLite, Realm, AWS, Heroku, Vercel, Stripe

ACTIVITIES

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