

Hung Anh Nguyen Song



+843-8643-5274 10A1-7 Sky Garden 3, District 7, HCM City
anh.ns.dev@gmail.com [linkedin.com/in/anh-ns-dev](https://www.linkedin.com/in/anh-ns-dev) github.com/endsha

Summary

Senior Software Engineer with 6+ years of experience building scalable mobile and web applications using React Native, Flutter, and modern JavaScript frameworks. Proven leader in full-cycle development, cloud integration, and CI/CD automation. Good at mentoring teams and delivering high-quality solutions across diverse industries.

Industry Experience

- Experience in various domains: E-Commerce, Insurance, Financial, Loyalty, Music Licensing, Blockchain.

Education

Ho Chi Minh City University of Technology

Bachelor of Engineering in Computer Science - Faculty of Computer Science and Engineering

- **Thesis:** Personalization in E-Commerce

Technical Expertise & Skills

Languages

- JavaScript, TypeScript, Dart, Python

Frameworks

- React Native, Flutter, ReactJS, NextJS, VueJS, NuxtJS
- NodeJS, NestJS, Flask, Django

Databases

- MongoDB, PostgreSQL, MySQL

DevOps & Cloud

- Firebase, Google Cloud, AWS, Azure
- Docker, Docker Swarm
- GitHub Actions, GitLab CI/CD

Testing

- Jest, Cypress, Appium

Deployment & Monitoring

- App Center, Google Play Console, App Store, Sentry

Certifications & Awards

- Second prize in Innovation in Agricultural Production Applying High Technology Competition

Experience

Tinh Van Software

Software Engineer

Apr 2024 – May 2025

Ho Chi Minh City

- Engaged in an onsite assignment with Prudential, contributing directly to project execution and stakeholder communication.
- Collaborated closely with cross-functional teams to develop and enhance applications within the insurance and financial services domain.
- Developed first version of golf training course booking app which called Roundus and will be launched in South Korea for next few months
- Built the source code foundation of Roundus app with the less use of 3rd party UI libraries. This approach ensures greater control over the design, performance, and maintainability of the app, while reducing potential compatibility issues or vulnerabilities that can arise from external dependencies
- Teamed up with the business operations team to elucidate the requirements for the Roundus application from a developer's point of view

EMVN Music Licensing

Full Stack Developer

Jul 2022 – Apr 2024

Remote

- Collaborated with developers on market-facing partner products, including:
 - * Cocoon Vietnam Website
 - * Sportpro Mobile App
- Led the mobile team in developing a Web3 React Native application called Tuniver; project was paused due to downturn in the crypto market.
- Supported the operations team in migrating nearly 100% of YouTube assets between CMS platforms during the company's war room.
- Worked with the Customer Service team to build an AI-powered chatbot integrated with Zendesk using Python, Botpress and OpenAI's ChatGPT.
- Developed a microservice to send automated alerts to the company's Discord server, enabling other internal services to push real-time updates.
- Assisted the financial operations team by building financial reporting tools related to YouTube asset and channel data.

BASE Business Solution

May 2021 – Jun 2022

Mobile Engineer

Ho Chi Minh City

- Maintained and supported tickets from partners for project Video Call app (library from 3rd party)
- Developed and maintained Unify CRM with other teammates

Lookme

Apr 2019 – May 2021

Software Engineer

Ho Chi Minh City

- Collaborated with others to develop and maintain Lookme products
 - * Lookme App
 - * Lookme Web
 - * Lookme Merchant App
 - * Lookme API and CMS
- Supported the marketing team in growing a social media group to promote spa and wellness services

GEEK Up

Jun 2018 – Dec 2018

Product Owner & Mobile Developer (Internship)

Ho Chi Minh City

- Delivered a tenant management mobile application written in React Native and React within 6 months
- Lead a small Scrum team with 5 members as a Product Owner of Hexawork

Projects

Roundus App | *React Native, Redux, Firebase, SocketIO, Toss Payment, Naver Map*

Team size: 5

- Developed a reusable UI component framework aligned with the design system, streamlining development for other team members.
- Implemented a real-time booking feature, enabling seamless interaction between users and merchants for appointments and availability.
- Integrated Firebase notifications to keep users informed of appointment updates, confirmations, and reminders.
- Created the Roundus Map using Naver Map API, allowing users to easily search and navigate to nearby golf courses.
- Integrated social login (Naver, Kakao, Google) for faster and more convenient user access.
- Developed a review system for users to share feedback post-booking, supporting better service quality and user trust.
- Integrated Toss payment gateway and successfully completed the approval process.

Song Identification | *Python, Audio fingerprinting and recognition*

Team size: 3

- Built the scanning system from scratch with the help of Dejavu library for algorithm in audio fingerprint and recognition
- Helped operation team to detect potential strike on partners' Youtube channels

Music ID | *ReactJS, Tailwind CSS, NestJS, PostgreSQL, Docker Compose (Monorepo)*

Team size: 4

- Built Music ID website from scratch and deployed for internal partners' usage. Support partners to search and claim revenue of theirs music on the Internet with highest matching accuracy
- Integrated PEX Search into the system and release it within 2 months

AI Assistant in Zendesk | *Python, Flask, BotPress, OpenAI, PostgreSQL*

Team size: 2

- Built an AI Assistant service using Flask to connect between Zendesk and BotPress
- Reducing response time by 50% and create a diversity in answers for Customer Support team

Tuniver Web3 App | *React Native, RecoilJS, Web3JS* Team size: 3

- Built a Web3 application using React Native for artists' fan to buy, claim revenue from their favorite song's NFTs
- Developed fully functional application which is connected with the deployed Smart Contract on BSC Main Network

Tuniver Website | *ReactJS, Redux, Web3JS, ExpressJS* Team size: 3

- Tuniver v1 Website: v1.tuniver.io
- Tuniver v2 Website (Project was stopped in testing phase): test.tuniver.io
- Delivered Claim all NFTs' revenue feature on Tuniver v1 website both in Frontend and Backend written in ReactJS and NodeJS
- Developed Tuniver v2 website UI written in ReactJS

Sportpro App | *Flutter, Bloc* Team size: 3

- Sportpro App on App Store: [S-Membership](#)
- Sportpro App on Google Play: [S-Membership](#)
- Collaborated with other developers and delivered first version of Sportpro App to App Store and Google Play. Sportpro is an e-commerce brand that selling sports accessories such as shoes, shirts, etc.
- Developed 100% fully functional Authentication, Products, Cart & Checkout modules

Cocoon Vietnam Website | *NuxtJS, VueJS 3* Team size: 4

- Cocoon Vietnam Website: cocoonvietnam.com
- Built the Cocoon Vietnam Website from scratch with others developers and UI&UX designer. We changed the look of Cocoon Website into a new face with e-commerce services
- Implemented the Product Detail and Checkout pages
- Collaborated with others to build Home Page

JARVIS | *React, ExpressJS, MySQL* Team size: 3

- Delivered tenant management feature in JARVIS website to manage pedestrian and car that check in and check out of offices, we deployed JARVIS in one of offices located in Sentosa island
- Delivered a map feature for showing data from all of sensors that we setup for buildings all over Singapore

Unify CRM | *React Native, RecoilJS, Swift, SwiftUI* Team size: 7

- Unify CRM on App Store: [Unify CRM](#)
- Unify CRM on Google Play: [Unify CRM](#)
- Converted the features of website Unify CRM to the mobile version using React Native
- Deployed the Unify CRM to App Store and Google Play
- Built a mobile application featuring video and audio calling capabilities using React Native, Swift, and WebRTC technology

Lookme App | *React Native, MobX, Firebase* Team size: 5

- Lookme on App Store: [Lookme](#)
- Lookme on Google Play: [Lookme](#)
- Developed and maintained a booking system with integrated voucher features to enhance user engagement.
- Implemented a membership program allowing users to earn Lookme Points from bookings and redeem them for vouchers.
- Collaborated on the launch of a home-based spa booking feature to meet customer needs during the COVID-19 pandemic.
- Successfully upgraded React Native from version 0.59 to 0.60, ensuring stability with no native compatibility issues.
- Integrated and maintained Firebase SMS authentication for secure and reliable user sign-in.
- Built and managed the push notification system using Firebase Messaging, achieving a 90%+ delivery rate.
- Developed an end-to-end testing framework using Appium to validate new features against defined test cases.
- Built and maintained real-time chat functionality between users and merchants using Firebase Realtime Database, ensuring reliable and issue-free message delivery.

Lookme Merchant App | *React Native, Redux, Firebase* Team size: 4

- Lookme Merchant on App Store: [Lookme Business](#)

- Lookme Merchant on Google Play: [Lookme Business](#)
- Developed and maintained real-time chat between merchants and users using Firebase Realtime Database.
- Implemented an automated booking slot generator for merchants, reducing manual workload and improving efficiency.
- Built and maintained a branching system for merchants to manage multiple locations within the app.
- Successfully upgraded React Native from version 0.59 to 0.60, ensuring full compatibility without native issues.
- Configured build variants and environment schemas for both iOS and Android platforms to support multiple deployment scenarios.

Lookme Web | *React, NextJS, Redux*

Team size: 5

- Lookme Website: lookme.vn
- Developed and maintained a booking system integrated with voucher functionality to enhance user incentives.
- Implemented a membership feature allowing users to earn Lookme Points from bookings and redeem them for vouchers.
- Worked with the team to launch a home-based spa booking feature in response to customer needs during the COVID-19 pandemic.
- Collaborated with the team lead to rebuild the Lookme website (v2) using Next.js and Redux, refactoring all class components into modern functional components.

Lookme API | *ExpressJS, MongoDB*

Team size: 3

- Implemented and maintained merchant's branching system API for supporting Lookme Merchant App
- Maintained and fixing bugs of Booking and Vouchers modules
- Developed Membership module for supporting Lookme App and Website

Hexawork | *React Native, Redux*

Team size: 4

- Hexawork on App Store: [Hexa: Service & Asset Utility](#)
- Hexawork on Google Play: [Hexa: Service & Asset Utility](#)
- Collaborated with other team members to deliver Room, Assets and Room Reservation management system for offices or co-working spaces
- Worked with UI&UX designer and company's CEO to collect and define the app's requirements