

PROFILE

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SKILLS

MOBILE APPLICATION DEVELOPMENT

- iOS Development: Extensive experience in developing and maintaining applications using Swift, Objective-C, and Flutter for various domains, including healthcare, finance, and media.
- rameworks & Tools: Proficient in SpriteKit, RxSwift, SwiftUI, and Combine to build dynamic and engaging mobile applications.
- Cross-Platform Expertise: Skilled in using Flutter to rebuild apps for seamless performance across iOS and Android platforms.

SOFTWARE DESIGN & ARCHITECTURE

- Design Patterns: Deep understanding of design patterns such as MVVM and Clean Architecture, ensuring scalable and maintainable code.
- Optimization: Experience in memory management and performance tuning to deliver optimized and reliable applications.
- Prototyping & Innovation: Adept at rapid prototyping and integrating cutting-edge features like biometric authentication, real-time communication, and live video streaming.

DATABASE MANAGEMENT & NETWORKING

- Database Tools: Proficient in SQLite, Realm, and Firebase, enabling efficient data storage and retrieval solutions.

THANH NGUYEN SENIOR MOBILE DEVELOPER

OBJECTIVE

To leverage over 10 years of experience as a Senior iOS Developer to design and deliver cutting-edge, user-centric mobile applications. Seeking a challenging role in a forward-thinking organization where I can utilize my expertise in Swift, Objective-C, Flutter, and clean architecture to drive innovation, improve development efficiency, and contribute to impactful projects in diverse industries such as healthcare, finance, and media. Passionate about collaborating with cross-functional teams to create scalable, high-quality solutions that enhance user experiences and meet strategic business goals.

WORK EXPERIENCE



SENIOR MOBILE DEVELOPER // May 2022 - Present

Doctor Anywhere

- Enhanced app usability and security, increasing user satisfaction.
- Streamlined multi-platform development by leveraging Flutter, reducing development time and effort
- Supported company growth by delivering scalable and reliable healthcare solutions, positively impacting thousands of users.
 - Project: Doctor Anywhere (iOS native)
 - Designed and implemented advanced features for the iOS app using Swift, such as biometric authentication for secure user login and seamless integration with various insurance providers.
 - Project: Doctor Anywhere Revamp (https://apps.apple.com/vn/app/doctor-anywhere-telehealth/id1273714922)
 - Contributed to a complete app rebuild using Flutter, focusing on core modules like authentication, membership management, and user analytics to ensure multi-platform compatibility and enhanced user experience.
 - Contributed to setting up clean architecture principles to standardize development practices across the team.

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SENIOR IOS DEVELOPER // April 2020 - April 2022

Line Technology VietNam

- Developed and optimized features for apps like Line Live and Line Official Account, enhancing live streaming and business communication functionalities.
- Applied Clean Architecture and MVVM principles to ensure maintainable and scalable codebases.
- Led implementation of Flutter modules for multi-platform efficiency, contributing to faster development cycles.
- Introduced unit testing practices to improve app stability and reliability.
- Collaborated with cross-functional teams to define workflows, improve the development process, and conduct code reviews.
 - Project: Line OA (https://apps.apple.com/vn/app/line-official-account/id1450599059)
 - Feature Development:
 - Added support for video calls, improving communication flexibility for businesses.
 - Integrated Flutter modules for multi-platform consistency, reducing timeto-market.
 - Architectural Improvements:

- Networking Protocols: Strong knowledge of TCP/UDP, IP, Socket Programming, and WebSockets for real-time data exchange.

PROJECT MANAGEMENT & TEAM COLLABORATION

- Agile Methodologies: Experienced in working within Agile teams, including onsite coordination with international stakeholders.
- Team Leadership: Led development teams to deliver projects efficiently, ensuring high-quality deliverables through code reviews and mentorship.
- Client Collaboration: Successfully collaborated with designers, backend engineers, and clients to refine requirements and ensure project alignment.

PROBLEM-SOLVING & CRITICAL **THINKING**

- Developed custom solutions for challenges in healthcare applications, including integrating IoT health devices and implementing video consultations.
- Built sentiment analysis systems by collecting, indexing, and testing ranking algorithms with Java during academic and professional projects.

TOOLS & TECHNOLOGIES

- IDE Tools: Expertise in Xcode, Eclipse, Visual Studio Code, and Sublime Text.

SOFT SKILLS

- Exceptional problem-solving abilities and adaptability to complex technical challenges.
- Effective communicator, fostering teamwork and innovation within diverse development teams.
- Strong organizational and multitasking skills, ensuring deadlines are consistently met under pressure.

INTERESTS

Pet, Badminton, Travel

REFERENCES

HONORS & AWARDS

April 2009 2nd Prize in the 17th National Student Math

Olympic

April 2010 3rd Prize in the 18th National

Student Math Olympic

- Applied Clean Architecture to modularize the app and simplify feature
- Streamlined data handling and improved API communication efficiency by working closely with backend teams.
- Technical Exploration:
 - Developed proof-of-concept (POC) projects for Flutter integration, demonstrating its efficiency for future multi-platform apps.
- Project: Line Live (https://apps.apple.com/th/app/line-live/id1059626535)
 - Feature Implementation:
 - Developed ranking systems to highlight top viewers and broadcasters, driving user participation.
 - Integrated live stickers and elegant filters for enhanced broadcasting experiences.
 - Built real-time interaction features, including comments and hearts, using Swift and WebSockets.

// May 2017 - March 2020 SENIOR IOS DEVELOPER

FPT software

- Worked onsite at Boeing, directly coordinating with engineers and business analysts to gather and implement requirements.
- Led a development team in an Agile environment, ensuring efficient sprint cycles and timely delivery.
 - · Project: Jeppesen Aviator (https://itunes.apple.com/us/app/jeppesenaviator/id1135983832?mt=8)
 - Feature Implementation:
 - Developed critical features, including charts and navigation, performance calculators, and weather updates.
 - Implemented unit tests to maintain a high level of app reliability.
 - Designed configurable dashboards to display flight-critical information from multiple sources.

SENIOR IOS DEVELOPER // Octorber 2014 - March 2017

Savvycom JSC

- Project: Jio Health (https://itunes.apple.com/app/jio-health/id933157797?mt=8)
 - Feature Implementation:
 - Developed core modules for video calling, time-slot booking for doctors, and integration with health monitoring devices.
 - Built secure document management features, enabling users to upload and access medical records.
 - Collaboration and Development:
 - Defined APIs in collaboration with backend engineers and designed mock-up models for seamless integration.
 - Worked with designers to create an intuitive and user-friendly interface.
 - Innovation:
 - Explored and integrated new technologies to connect with IoT health devices for data tracking.
 - Enhanced app performance by optimizing data processing and UI responsiveness.
- Project: Camellia (PDF Max 4) (https://itunes.apple.com/us/app/pdf-max-4-readannotate-sign/id540572073?mt=8)
 - Feature Development:
 - Implemented features such as text-to-speech, merging multiple PDFs, and supporting multiple item selections on PDFs.
 - Enhanced annotation tools with functionalities like adding shapes, inserting text, and drawing freehand on PDFs.
 - Developed grid view and optimized in-app purchases to improve usability.

- · Technical Expertise:
 - Utilized Objective-C to implement efficient PDF rendering and manipulation functionalities.
 - Integrated third-party tools and APIs to extend app capabilities.



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- $\bullet \ \, \text{Project: TRS FX (https://itunes.apple.com/jp/app/minnanoshisutore-fx-u-ebutoreda)}$
 - Feature Development:
 - Built key trading functionalities, including price monitoring, profit and loss calculation, and chart visualization.
 - Developed a portfolio management module to allow users to manage their investments effectively.
 - Designed and implemented interactive features like order placement, editing, and tracking.
 - Established WebSocket connections to support live market data updates, ensuring users had up-to-the-minute information.

EDUCATION



Post and Telecommunication Institute of Technology (PTIT)

- · Specialized in Software Engineering.
- Completed coursework includes Data Structures and Algorithms, Database Management, and Artificial Intelligence.
- Final Year Project: Building data for sentiment analysis system. Focus on develop system collect data from many electronic journal Viet Nam, index and search, tested several search ranking algorithm such as binary, BM25... by Java programing language with Eclipse..
- GPA: 8.14/10

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