

# NGUYEN PHUC TRAN

## Software Engineering

### PROFESSIONAL SUMMARY

Detail-oriented **Software Developer** with proven success in **iOS app development**, **full-stack web** projects, and **team-based collaboration**. Skilled at leveraging **Swift**, **TypeScript**, and **JavaScript** to build scalable, user-centric solutions. Experienced in **UI/UX design**, **API integration**, and **database management**. Passionate about continuous learning, delivering high-quality code, and contributing to cross-functional teams.

### CORE SKILLS & TOOLS

- **Programming:** Swift (SwiftUI & UIKit), JavaScript, TypeScript, Java, C++, Python
- **Frameworks:** SwiftUI, UIKit, React, React Native, Node.js, NextJS, FastAPI, UNIK AI, and Mediapipe
- **Database:** SQL, NoSQL, AWS S3
- **Tools & platforms:** Xcode, VSCode, GitHub, Jira, Figma, Visio, Draw.io, AWS Amplify
- **Methodologies:** Agile/Scrum, Version control, API integration.

### EXPERIENCE

- **iOS Developer-Front End: FANFLY (10/2023- 12/2024)**
  - **Built** and **iterated** the first iOS application connecting fans and artists, focusing on highly modular UI components.
  - **Reduced** development time by creating reusable code snippets and templates, streamlining future feature implementations.
- **iOS Developer Intern | Scoop Inc (05/2023 – 09/2023)**
  - Implemented **front-end** features in both **SwiftUI** and **UIKit** while adhering to design specifications in Figma.
  - Integrated APIs using **PromiseKit** and **Alamofire**.
  - Working and learning with greatest seniors for each **Apple-WWDC** program.
- **Full-Stack Developer – NeuroSpring Hospital Camera Project (02/2025 – Present)**
  - Developed a full-stack camera streaming application for real-time patient posture and movement detection in ambulances.
  - Built responsive web and embedded UI using **React**, **TypeScript**, **Python**, and **OpenCV** for both browser-based and Raspberry Pi camera integration.
  - Designed and implemented backend services with **FastAPI** and **Supabase** to manage RESTful APIs and SQL data storage.
  - Integrated **MediaPipe** to extract human body landmarks and implemented **UNIK**, a custom AI model, to classify and analyze patient movements from captured data.

### EDUCATION

California State University, Sacramento – *Expected Graduation: 12/2025 (Bachelor of Science in Computer Science)*

#### INTERESTS

Food, hot tea, hiking, US-UK music, reading, and building PC.

#### LANGUAGES

English  
Vietnamese

#### ABILITIES

Solving problems  
Fast learning new techniques

### CONTACT

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