

# Hoang Nguyen Thanh



[Redacted Email Address]



[Redacted Phone Number]

in Hoang Nguyen Thanh

Thanhhoang112

## Summary

With over 2 years of professional experience, I have honed my expertise in mobile app development using React Native and Flutter. My career highlights include creating cross-platform applications that prioritize performance, user experience, and seamless functionality. I am passionate about staying up-to-date with emerging technologies to continuously enhance app quality and deliver value to users.

## Education

HCMUTE - University of Technology and Education

BS in Software Engineering

- GPA: 3.0/4.0

2018 – 2022

## Skills

Top skill: React Native, Flutter, JavaScript, Typescript, Dart

Knowledge: C#, Java

## Experience

TGL Solutions

Mobile Developer

Ho Chi Minh  
August 2023 – Present

- Developing Mobile Application with React Native:
  - Building app screens and custom components with reusable and modular UI patterns.
  - Working with REST APIs using **axios** and **fetch**, ensuring efficient data fetching and error handling.
  - Managing global state using **Redux, Redux Toolkit, and React Context API**.
  - Handling Push Notifications with **Firebase Cloud Messaging** and configuring background/foreground notifications.
  - Combining **Java** and **Swift** for platform-specific native modules to extend React Native capabilities.
  - Linting and code quality assurance with **ESLint** and Prettier to maintain clean, consistent code.
  - Managing offline storage and caching using **AsyncStorage, SQLite**.
  - Implementing authentication and security features, including **JWT authentication, OAuth and biometric authentication** (Face ID, Touch ID).
- Enhanced app performance** with optimization techniques including lazy loading, throttling.
- Implemented robust **state management** to minimize unnecessary re-renders, ensuring seamless user interactions.
- Designed and implemented custom UI components , ensuring compliance with modern **UI/UX principles** .

STECH

Mobile Developer

Ho Chi Minh  
Feb 2023 – May 2023

- Build basic UI with flutter.
- Integrate GraphQL and RESTful API.

## Projects

Noise Measurement Application

TGL Solutions - Mobile Developer

- Measure and record noise levels in real time with accurate decibel readings. Record videos with real-time noise levels and conveniently share them via email or cloud storage.
- Techstack:** React Native

InspectFlow Application

TGL Solutions - Mobile Developer

- A mobile app for seamless construction inspection and reporting, improving transparency and efficiency. Conduct surveys, generate reports, and sync data to the cloud with ease.
- Techstack:** React Native, Firebase, .NET Core, MySQL.

Home Connect System

TGL Solutions - Fullstack mobile Developer

- A smartphone application designed to facilitate communication between customers and staff for the purposes of maintenance, handover, and home upgrades.
  - Chat** between customers and staff (including sending documents, images, and videos).
  - Provide **gantt chart scheduler** helps users efficiently plan .
  - Implement **Security Reinforcement** features to ensure high-level security.
- Techstack:** React Native, Firebase, .NET Core, MySQL.

Order System - Construction Order Management System

TGL Solutions - Mobile Developer

- A system allows retail **store** and **distributor** to communicate during the construction materials ordering process.
  - Track order by **status** and **delivery date**. Support **check order progress through calender view**.
  - Chat** about the order and document about Order in realtime
- Techstack:** Flutter, Firebase.

Social Media App

STECH - Mobile Developer

- A social media app designed for seamless communication and entertainment:
  - Upload and Sharing** files.
  - Watch video** from orther website (youtube, twitter).
- Techstack:** Flutter, Firebase.

## Online Academy - Online Learning Platform

*TGL Solutions - FrontEnd Developer*

- An online learning platform specialized for construction company:
- **Techstack:** ReactJS, NextJS, GraphQL, AntD, Postgres, Azure Blob Storage, Gitlab CICD.

## Language

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**English:** TOEIC (710/990), English communication