

# Nguyen Duc Vuong

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## Summary

Full-Stack Developer with 1.7 years of experience specializing in React/React Native frontend and Node.js backend development. Proven track record building mobile applications serving 5K+ active users with production deployments to App Store and Google Play Store. Strong expertise in modern JavaScript ecosystem (React.js, Redux, Redux-Saga, TypeScript, ES6+) and backend technologies (Node.js, PostgreSQL, Redis, RESTful APIs). CI/CD automation (Docker, GitHub Actions), code reviews, and automation testing.

## Work Experience

### Full-Stack Developer, [VGCORP](#)

Feb 2024 – Present

#### Key Achievements:

- Participated in developing cross-platform mobile applications serving 5K+ active users
- Successfully deployed mobile applications to App Store and Google Play Store, managing the complete release cycle from development to production
- Built comprehensive CI/CD pipelines using GitHub Actions and Fastlane for automated app store deployments, reducing deployment time
- Participated in developing social networking features with real-time messaging, tournament management, golf club functionality
- Collaborated with QC team to implement automated testing strategy ensuring app store compliance
- Optimized app performance through code refactoring
- Integrated secure payment systems and third-party APIs
- Developed annual recap feature for golfers
- Developed AI-powered golf swing analysis feature that analyzes golfer posture and provides personalized improvement recommendations
- Participated in developing admin portal ([admin.vhandicap.com](#)) with Firebase role-based authorization, enabling customer service and IT teams to monitor clients with upcoming annual fee renewals
- Participated in developing livescore website ([livescore.vhandicap.com](#)) with golfer grouping and tournament management features
- Participated in developing a web booking app using React and Nestjs

### Full-Stack Developer (Contract), [YourHappyBffs](#)

Oct 2024 – Present

- Architected and developed full-stack real estate platform enabling property listings and trading with React frontend and Django REST API backend
- Implemented authentication and authorization using Auth0
- Implemented search engine using Elasticsearch
- Implemented HttpOnly cookie authentication system, enhancing security
- Built comprehensive property management system with advanced filtering (25+ criteria), automated email workflows, and seamless listing creation process
- Developed real-time chat features using Firebase Realtime Database for buyer-seller communication
- Created automated CI/CD pipelines with Docker containerization and Cloudflare Pages deployment
- Developed cross-platform mobile application KeyToRent using Flutter
- Implemented in-app purchase in App Store and Google Play Store

## Skills

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**Core Technologies:** JavaScript (ES6+), TypeScript, HTML5, CSS3, Node.js

**Frontend:** React.js, Next.js, React Native, Redux, Redux Thunk, Redux-Saga, Reselect, Redux Toolkit, Zustand, TanStack Query, React Hook Form

**Backend:** Node.js, Express.js, NestJS, RESTful APIs, Firebase

**Databases:** PostgreSQL, Redis, Firebase Realtime Database

**DevOps & Tools:** Docker, CI/CD Pipelines, GitHub Actions, Fastlane, Webpack (Code Splitting, Optimization)

**Testing:** Appium, unit test

**Mobile Deployment:** App Store Connect, Google Play Console, TestFlight, App Store Review Guidelines

**Version Control:** Git, GitHub, Code Reviews, Agile/Scrum

**Additional:** Python, Django REST Framework, macOS/Linux Development

**Language:** English (Working Proficiency)

## Projects

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### Vhandicap App (React Native)

2024 – Present

- App Store: [apps.apple.com/vn/app/vhandicap](https://apps.apple.com/vn/app/vhandicap) | Google Play: [play.google.com/store/search?q=vhandicap](https://play.google.com/store/search?q=vhandicap)
- Developed cross-platform golf handicap tracking mobile application serving 5K+ active users
- Successfully deployed to both App Store and Google Play Store with full compliance to platform guidelines
- Developed app based on handicap calculation system certified by Vietnam Golf Association ([vga.com.vn](http://vga.com.vn))
- Implemented social networking features for golfers including profiles, tournament management, golf club functionality, and annual recap feature summarizing golfer achievements and statistics
- Developed AI-powered golf swing analysis feature that analyzes golfer posture and provides personalized improvement recommendations
- Built real-time chat functionality using Firebase Realtime Database for seamless golfer communication
- Fixed image upload bugs for golfer scorecard submission, improving user experience and data accuracy
- Participated in source code migration to TypeScript after handover from previous team, eliminating unnecessary files and reducing app size by 50MB
- Redesigned backend scorecard verification workflow
- Established automated CI/CD pipeline with GitHub Actions and Fastlane for streamlined deployments
- Tech Stack: React Native, Firebase, TypeScript, Redux, AI/ML APIs, GitHub Actions, App Store Connect, Google Play Console

### Vhandicap Booking Platform (Next.js, NestJS)

- Participated in development of comprehensive golf course booking platform enabling golfers to reserve tee times, manage bookings, and search golf courses
- Participated in frontend development
- Implemented backend voucher system with NestJS

### Luxoasis Marketplace (React, Django REST Framework)

- Architected full-stack real estate marketplace platform connecting property owners with potential renters, facilitating property listings and transactions
- Implemented secure authentication and authorization system using Auth0
- Developed HttpOnly cookie-based session management to enhance security
- Built advanced search functionality using Elasticsearch
- Implemented subscription using Stripe

## **Education**

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**University of Information Technology**, Major: Cybersecurity

Sep 2021 – Dec 2024

- GPA: 8.3/10

## **Interests**

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Music, Sport and Travel