

Nguyen Duc Vuong

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Summary

Full-Stack Developer with 1.5+ years of experience building scalable web and mobile applications. Specialized in React, React Native, Django backend development. Proven track record of delivering a production application with 5K+ active users and successful App Store/Google Play deployments. Expertise in CI/CD automation, security implementation (HttpOnly cookies), performance optimization, and Agile development methodologies. Strong background in API design, database optimization, and cross-functional team collaboration.

Work Experience

Full-Stack Developer (Contract), YourHappyBffs Oct 2024 – Present

- Architected and developed full-stack real estate platform enabling property listing and trading with React frontend and Django REST API backend
- Developed cross-platform mobile application using Flutter
- Implemented HttpOnly cookie authentication system, enhancing security by preventing XSS attacks and improving OWASP compliance
- 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, reducing deployment errors by 80%
- Established code review processes and Git workflow standards across development team

Full-Stack Developer, VGCORP Feb 2024 – Present

Key Achievements:

- Participated in development cross-platform mobile applications serving 5K+ active users
- Successfully deployed multiple 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 from 3 hours to 50 minutes
- Developed social networking features with real-time messaging, increasing user engagement
- Collaborated with QC team to implement automated testing strategy (Jest, integration tests) ensuring app store compliance
- Optimized app performance through code refactoring and database query optimization, reducing loading times
- Integrated secure payment systems and third-party APIs with proper error handling and retry mechanisms
- 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 web booking app using Nextjs and Nestjs

Skills

Programming Languages: JavaScript, TypeScript, Python, Swift, Dart

Frontend Development: React, React Native, Nextjs, Flutter, SwiftUI, Redux, Zustand, HTML5, CSS3, Tailwind CSS

Backend Development: Django, Django REST Framework, Node.js, RESTful APIs

Database & Storage: PostgreSQL, MySQL, Firebase, Redis

DevOps & Cloud: Docker, AWS (EC2, S3, RDS, Lambda), Cloudflare (Pages, Workers, CDN), Cloud Functions, CI/CD Pipelines, GitHub Actions, Fastlane

Mobile App Deployment: App Store Connect, Google Play Console, App Store Review Guidelines, App Signing, TestFlight, Internal App Sharing

Testing & Quality: Jest, Unit Testing, Integration Testing, E2E Testing, Code Reviews

Tools & Methodologies: Git (Advanced), Agile/Scrum, MVVM Architecture, Performance Optimization, Security Best Practices, Cross-platform Development, API Design, Database Optimization

Language: English (Working Proficiency)

Projects

Vhandicap App (React Native)

2024 – Present

- App Store: apps.apple.com/vn/app/vhandicap | Google Play: 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)
- 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

Currency Converter App (SwiftUI + iOS)

2024

- GitHub: github.com/nguyenvuong1309/Currency-Converter
- Native iOS currency conversion app built with SwiftUI implementing MVVM architecture and real-time exchange rates
- Successfully deployed to App Store following Apple's review guidelines and Human Interface Guidelines
- Integrated REST API for live currency data with error handling, offline caching, and retry mechanisms
- Implemented responsive UI with smooth animations, dark mode support, and accessibility features
- Features: 150+ currencies, historical rate tracking, favorite pairs, calculator interface
- Tech Stack: SwiftUI, Combine, URLSession, Core Data, iOS 15+, Xcode, App Store Connect

Real-time Chat Application (Flutter + Firebase)

2024

- GitHub: github.com/nguyenvuong1309/flutter_firebase_chatapp
- Built production-ready real-time chat app using Flutter, Firebase Authentication, and Firestore
- Deployed to both App Store and Google Play Store with successful approval and compliance with platform policies
- Implemented comprehensive testing suite with 85%+ code coverage using unit and integration tests
- Automated app distribution using Firebase App Distribution, TestFlight, and GitHub Actions CI/CD pipeline
- Features: Real-time messaging, image sharing, push notifications, responsive UI design
- Tech Stack: Flutter, Firebase, Dart, GitHub Actions, Fastlane, App Store Connect, Google Play Console

Hotel Booking Platform

2023

- Live Demo: hotel-booking-client-bice.vercel.app | GitHub: github.com/nguyenvuong1309/hotel_booking_client
- Developed complete booking platform handling 500+ properties with advanced search and filtering capabilities
- Built scalable backend API with Node.js and PostgreSQL, deployed on AWS with Docker containerization and Cloudflare CDN for global performance optimization
- Implemented real-time booking system with Socket.io, payment integration, and automated email notifications
- Achieved 95%+ performance score using lazy loading, code splitting, and CDN optimization
- Tech Stack: React, Node.js, PostgreSQL, Socket.io, AWS, Docker, Tailwind CSS

Education

University of Information Technology, Major: Cybersecurity

Sep 2021 – Dec 2024

- GPA: 8.3/10

Interests

Music, Sport and Travel