

# Nguyen Duc Vuong

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## Summary

Full-Stack Developer with 3+ years of experience building scalable web and mobile applications. Specialized in React, React Native, Django backend development. Proven track record of delivering 2+ production applications with 5K+ active users. 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.

## Skills

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

**Frontend Development:** React, React Native, 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

**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)

## Work Experience

**Full-Stack Developer (Contract), Luxoasis Living**

May 2023 – Present

- Architected and developed Django REST API backend serving rental marketplace platform
- Implemented HttpOnly cookie authentication system, enhancing security by preventing XSS attacks and improving OWASP compliance
- Built comprehensive rental application system with advanced filtering (25+ criteria) and automated email workflows
- Developed real-time chat features using firebase realtime database
- 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

**Mid-level Full-Stack Developer, VGCORP**

Feb 2024 – Present

### Key Achievements:

- Participated in development cross-platform mobile applications serving 5K+ active users
- Architected and implemented scalable MVVM architecture, reducing code complexity by 35% and improving maintainability
- Built comprehensive CI/CD pipelines using GitHub Actions and Fastlane, 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)
- 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

## Education

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University of Information Technology, Major: Cybersecurity

Sep 2021 – Present

- GPA: 8.3/10

## Projects

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**Currency Converter App (SwiftUI + iOS)** 2024

- GitHub: [github.com/nguyenvuong1309/Currency-Converter](https://github.com/nguyenvuong1309/Currency-Converter)
- Native iOS currency conversion app built with SwiftUI implementing MVVM architecture and real-time exchange rates
- 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+

**Real-time Chat Application (Flutter + Firebase)** 2024

- GitHub: [github.com/nguyenvuong1309/flutter\\_firebase\\_chatapp](https://github.com/nguyenvuong1309/flutter_firebase_chatapp)
- Built production-ready real-time chat app using Flutter, Firebase Authentication, and Firestore
- Implemented comprehensive testing suite with 85%+ code coverage using unit and integration tests
- Automated app distribution using Firebase App Distribution 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

**Hotel Booking Platform** 2023

- Live Demo: [hotel-booking-client-bice.vercel.app](https://hotel-booking-client-bice.vercel.app) | GitHub: [github.com/nguyenvuong1309/hotel\\_booking\\_client](https://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

## Interests

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Music, Sport and Travel