

Nguyen Duc Vuong

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Summary

I am a mobile developer with experience in building and maintaining mobile applications with a focus on code reusability and maintainability. I am writing unit tests and integration tests in Flutter, and have a solid understanding of CI/CD processes, including GitHub Actions. I have implemented automation testing to ensure high-quality software delivery, and I am proficient in working with APIs. Additionally, I am experienced with various databases such as MySQL, MongoDB, and Firebase.

Skills

Programming Languages: JavaScript, Dart, Python

Database: MySQL, MongoDB, Google Firebase

Frameworks & Platforms: ReactJS, React native, NodeJS, Restful API, Flutter

Knowledge: Mobile Technologies, CI/CD, automation testing, code readability and maintenance, modular development and code testing, writing unit tests and integration tests in Flutter

Language: English

Work Experience

Mobile Engineer, VGCORP

Feb 2024 – present

Main responsibilities:

- Front-end mobile developer, experienced in collaborating with Back-end developers and managing the full stack of mobile applications. Proficient in both server-side and client-side development, as well as database management, ensuring seamless integration and performance optimization across the entire application.
- Developed social networking features within the app, enhancing user interaction and engagement.
- Participated in the creation of automation testing scripts to ensure app stability and reliability.
- Develop and maintain advanced applications for the Android and iOS platforms using React Native.
- Work with the Quality Control (QC) team to thoroughly test the application and address any identified bugs, ensuring high-quality performance and user satisfaction.
- Utilize the MVVM design pattern to create scalable architectures.
- Ensure code readability, security, and stability through modular development.
- Refactored the source code of the app to improve performance and maintainability.
- Test and debug programs thoroughly to guarantee best performance and user experience.

Mobile Engineer (Part-Time Freelancer), LastOasis Homes

Feb 2024 – present

Working as a part-time freelancer for an international company, focusing on developing the chat feature for their mobile application.

Education

University of Information Technology, Major: Cybersecurity

Sep 2021 – Present

- GPA: 8.3/10

Work Experience

Mobile Engineer, VGCORP

Feb 2024 – Present

Main responsibilities:

- Front-end mobile developer, experienced in collaborating with Back-end developers and managing the full stack of mobile applications. Proficient in both server-side and client-side development, as well as database

management, ensuring seamless integration and performance optimization across the entire application.

- Developed new network features within the app, enhancing user experience and engagement.
- Participated in the creation of automation testing scripts to ensure app stability and reliability.
- Develop and maintain mobile applications efficiently for both Android and iOS platforms using React Native.
- Work with the Quality Control (QC) team to thoroughly test the application and address any identified bugs, ensuring high-quality performance and user satisfaction.
- Utilize the MVVM design pattern to create scalable architectures.
- Ensure code readability, security, and stability through thorough development.
- Refactored the source code of the app to improve performance and maintainability.
- Test and debug programs thoroughly to guarantee best performance and user experience.

Skills

Programming Languages: JavaScript, Python

Database: MySQL, MongoDB, Google Firebase

Frameworks & Platforms: ReactJS, NodeJS, Restful API

Knowledge: Web Technologies, CI/CD, automation testing, code readability and maintenance, modular development and code testing

Language: English

Projects

Chat app

- GitHub: github.com/nguyenvuong1309/flutter_firebase_chatapp
- **Role:** This project utilizes Flutter and Google Firebase to create a real-time chat application. Key features of the app include:
 1. User Authentication : Sign-in and sign-up using Firebase Authentication.
 2. Messaging : Capability to send both text and image messages.
 3. Real-time Updates : Instant updates for sent and received messages, ensuring a smooth and responsive chat experience.
 4. Responsive UI : Adaptive user interface using Flexbox.
 5. Firebase app distribution : Using Firebase App Distribution to Distribute Apps to Testers.
- **About:** In this project, I wrote unit tests, integration tests, and set up an automated CI/CD pipeline to distribute the app to testers using Firebase App Distribution.
- **Language:** Dart, firebase

Hotel booking website

- GitHub: github.com/nguyenvuong1309/hotel_booking_client
- GitHub: hotel-booking-client-bice.vercel.app
- **Role:** booking hotels, renting cars, and even showcasing your own property for potential guests! Easily navigate through our user-friendly platform to book your preferred hotel or car for a seamless travel experience. As a unique feature, hosts can upload their properties, allowing other travelers to book their rooms. Additionally, users have the flexibility to cancel their bookings, recognizing that plans may change. Efficiently find hotels based on city, and narrow down your search further by specifying room capacity, preferred price range, and desired amenities.
- **Language:** React, Tailwind CSS, AWS, socket io.

Interests

Music, Sport and Travel