

Duy Nguyen Ngoc



Software Engineer

Address: Group 2, Hoa Hai, Hoa Phuoc, Hoa Vang, Da Nang, Viet Nam

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Objective: I aspire to become a professional software engineer who can design and develop high-quality software applications that meet the needs of clients and bring value to society. I have experience working with various programming languages, databases, and the latest technologies. I also possess the ability to work in teams, communicate effectively, and solve problems proficiently.

Work experience

Software Engineer - Nals Solution Company (12/2021 - Present)

- Participated in designing, developing, and testing ai, web and mobile applications for company projects
- Utilized programming languages such as Dart, Python, Kotlin, TypeScript and technologies like Flutter, Android, Machine learning, React, MongoDB, Firebase, AWS, Azure
- Collaborated with team members and clients to understand requirements, propose solutions, and report progress
- Ensured product quality by applying testing standards and methods such as TDD, BDD, unit testing, integration testing, automation testing
- Successfully completed 6 projects within 2 years, achieving high satisfaction from clients and users

Mobile Developer - Sun Asterisk Company (09/2020 - 12/2021)

- Participated in designing, developing, and testing web and mobile applications for company projects
- Utilized programming languages such as HTML, CSS, Kotlin, TypeScript and technologies like ReactNative, Android, React, Bootstrap, Antd, Firebase, RxJs
- Collaborated with team members and clients to understand requirements, propose solutions, and report progress
- Ensured product quality by applying testing standards and methods such as TDD, BDD, unit testing, integration testing, automation testing
- Successfully completed 5 projects within 1 years, achieving high satisfaction from clients and users

Intern Programmer - Sun Asterisk Company (01/2020 - 09/2020)

- Assisted software engineers in developing web and mobile applications for company projects
 - Used programming languages such as HTML, CSS, TypeScript, MySQL, and technologies like Bootstrap, Laravel, WordPress
 - Participated in the processes of analysis, design, implementation, and testing of application features
 - Completed 3 projects within 6 months, contributing to improving the interface and functionality of the applications
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Featured Projects

KTapp App

Information: An app that allows you to read news and stories. You do tasks to get rewards and unlock stories as well as watch news, videos and information about the latest games from Koei Tecmo, a Japanese game company.

Role: Team leader

Technologies used: Flutter, Dart, GetX, RESTfull API, Firebase, In App purchase

Responsibilities: Design the app architecture, assign tasks to the team members, develop the main features of the app, test and fix bugs, deploy the app to the App Store and Google Play Store.

Tsunagaru Tap App

Information: This app allows you to search for pubs near you and see information about them, such as opening hours, address, phone number, menu, etc. You can also make reservations, call or share the location of the pub with your friends. This app is a convenient way for you to enjoy beer with your family and friends.

Role: Team leader

Technologies used: Flutter, Dart, BLoc, RESTfull API, Firebase, Clean Architecture, RxDart

Responsibilities: Design the app architecture, assign tasks to the team members, develop the main features of the app, test and fix bugs, deploy the app to the App Store and Google Play Store.

EVERING App

Information: A smart ring management app similar to Visa, helping you pay with touch. This is a wristband with cashless functions, allowing you to experience fast and convenient payment at Visa touch payment stores without having to pull out your wallet or credit card. or smartphone.

Role: Member

Technologies used: ReactNative, TypeScript, Mobx, RESTfull API, Firebase, Custom module native (Android)

Responsibilities: Custom module native, Develop the features of the app, test and fix bugs, deploy the app to App Store and Google Play Store.

Education

Bachelor of Information Technology - Dong A University (08/2021 - 08/2023)

GPA: 3.61/4

Major: Software Engineering

Key courses: Object-oriented programming, Data structures and algorithms, Database, Computer networks, Information security, System analysis and design

Final project: Building a real estate prediction system in Da Nang using Selenium and Python.

Associate's of Information Technology - FPT Polytechnic College (08/2018 - 04/2021)

GPA: 8.7/10

Major: Computer Programming

Key courses: Object-oriented programming, Data structures and algorithms, Database, Computer networks, Information security, System analysis and design

Final project: Building a dating system using Android and Nodejs.

Skills

Programming language: Java,C++, Kotlin, Dart, Python, JavaScript, TypeScript, Bash script

Framework: Flutter, Android, React, ReactNative, Nodejs, FastAPI

Tools: Visual Studio, Eclipse, PyCharm, VS Code, Git, Jira, Postman, Jupyter Notebook, Anaconda

Programming Paradigm: OOP, Functional Programing, Reactive Programing , Functional Reactive Programing

Architectures and Patterns: MVC, MVP, MVVM, MVI, Clean Architecture, Singleton, Observer, Dependency Injection.

State management: Mobx, GetX, Redux, BLoC pattern, Provider

Library and plugin:Retrofit, Dagger, Koin, Dio, RxJS, RxDart ,RxJava ,Firebase, Stripe, Google Maps,Scikit-learn, Pandas, NumPy, SQL, etc.

Testing: TDD, BDD, unit testing, integration testing, automation testing.

CI/CD: Continuous Integration (CI), Continuous Deployment (CD), Jenkins, CircleCI, Fastlane, Github Action.

Language: Vietnamese (native), English (intermediate)

Honors and Awards

- RESFES - IoT Showcase Contest Final Round - 2019
 - Students are active in the outstanding movement - Summer Semester 2020
 - Excellent academic record in the 1st round of 2021 - FPT Polytechnic College - 2021
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Certificates

- ACADEMIC PREPARATORY ENGLISH Level 3 - Topnotch 2 (380- 520 TOEIC) - 2021
 - Professional Scrum Master™ I (PSM I) - 2021
 - Scrum Foundation Professional Certificate - SFPC™ - 2022
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Personal interests

- Reading books about technology, business, and personal development
 - Playing both online and offline games
 - Traveling and exploring new destinations
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Additional information

- Github: <https://github.com/olololoe110399>
 - Facebook: <https://fb.com/duynn100198>
 - Bitbucket: <https://bitbucket.org/duynn100198>
 - Skype: <https://join.skype.com/invite/u1zLVVbt5wGO>
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