Nguyen Minh Duc
Full Stack Developer

Dich Vong Hau, Cau Giay, Ha Noi

SUMMARY

I'm Nguyen Minh Duc, a full-stack developer with 2 years of experience in mobile application technologies and 6 months of experience in building web applications, with good knowledge of GetX, Plugin, camera detection, Database Design, and Design.

Learning new languages and technologies is what I am passionate about. Besides, I tend to work well within groups because I like to help others.

TECHNICAL SKILLS

Programming Languages	Dart, Java, Kotlin, JavaScript, HTML, CSS, C++, Swift
Frameworks/ Platforms	Flutter, Android, React, Angular, Spring Boot, JSON, IOS
Database Management Systems	SQLite, Firebase, MySQL, MariaDB
Tool	Android Studio, IntelliJ, Visual Studio, XCode, Postman, VMW
Version Control	GitHub, Gitlab, Trello, You Track
Foreign Languages	TOEIC: 480/990
Soft Skills:	Time management, Teamwork

PROFESSIONAL EXPERIENCE

CMC-CIST

1. Read NFC on mobile devices, Flutter Developer   *Project*
  Project Description: Build SDK, and NFC reader plugin to integrate into customer applications.
  Team Size: 3
  Responsibilities: Build NFC plugin: reads MRZ and QR codes with the camera and reads NFC of chip ID card.
  Accomplishments: Using CameraX, write a document describing how to use the plugin, and read NFC on a chip ID card.

Technologies: Java, Dart, Kotlin, CameraX, ML Kit Google

2. eKYC application, Flutter Developer   *Project*
  Project Description: Building eKYC application including face recognition, taking ID card photos, NFC reading
  Team Size: 4
  Responsibilities: Build eKYC application, build functions face recognition, face angle, taking ID card photo by frame in a camera plugin.
  Accomplishments: Face recognition by ML kit Google, data transmission via API, eKYC, GetX.
  Technologies: Kotlin, Dart, CameraX, ML Kit Google, Postman, GetX.

3. Remote Signing, Full stack Developer   *Project, 7/2021 – 9/2021*
  Project Description: Build a remote digital signing system, users can use mobile application or web application to digitally sign.
  Team Size: 5
  Responsibilities: Build module RA (manage users and certificates) and module CA (create certificates) using EJBCA.
  Accomplishments: Distribute certificate by EJBCA on CentOS 8, build server using Spring boot, build client using Vuexy-7.1.2 (Angular), read the information in the certificate (front-end).
  Technologies: Spring boot, Angular, MariaDB, VMW, EJBCA

4. Timekeeping system for Vinmec, Full stack
Developer   *Project, 12/2021 – 6/2022*
  Project Description: Building a timekeeping system for employees and patients of Vinmec hospital. Use facial recognition for timekeeping and management systems on web applications and mobile applications.
  Team Size: 5
  Responsibilities:
- [CIVAMS Face Employee](#) application: Display the timekeeping schedule, edit user information, take 6 images of the user's face, and create timekeeping notifications using Firebase.
- [CIVAMS Face Admin](#) application: Displays management information of all users, taking 6 face images.
- Data transfer between mobile device and timekeeping device: Build data transfer application between Android with iOS and Android with Android using Bluetooth Class, LE, Dual.
- Web application to manage timekeeping devices and users: Display information and control timekeeping devices in real-time, manage user information and take 6 photos of 6 face corners using Media Pipe Face Mesh .
  Accomplishments: Create notifications using Firebase, distribute applications on Play Store, Bluetooth technology, and facial recognition on web application and mobile application.
  Technologies: Kotlin, Swift, Dart, Angular, WebSocket, Bluetooth, ML kit, Media Pipe Face Mesh, GetX, Firebase.

5. Base Project, Flutter Developer   *Project, 7/2022 – 8/2022*

Project Description: Build an application with UI/UX with basic functions for the next projects.
Team Size: 1
Responsibilities: Application design: Welcome, Login, Register, Edit, Search, Profile, Setting. And create base project by Mason.
Accomplishments: Using Mason, designing UI/UX and creating virtual server from MocKoon.
Technologies: Mason, GetWidget, GetX, Firebase.

6. OCR system, ReactJS Developer   *Project, 8/2022 – 11/2022*
Project Description: Building a system to retrieve information from documents such as ID cards, invoices, driver's licenses, etc. on mobile applications and web applications.
Team Size: 5
Responsibilities: Building a web application (front-end) that displays and allow editing information about documents including ID card, vat, and tables with OCR.
Accomplishments: Render OCR on images, build excel table based on BaseTable v1.13.0 on the web application.
Technologies: ReactJS, BaseTable v1.13.0, Syncfusion.

PET PROJECTS

In my free time, I work on some pet projects:

- Amitabha Buddha (v1.0.0): An application that supports Buddhists to recite Buddha's name. It is available on [Play store](#) (Flutter).
- I learn about financial markets and related technologies like blockchain

EDUCATION

Posts and Telecommunications Institute of Technology   **From 09/2016 to 03/2021**
Information Technology - Security
Degree grade: Credit– GPA 2.93/4

WORK PROGRESS

1. Fresher Academy, FPT Software   **From 08/2020 to 09/2020**
1.5-month Android Fresher Programing.
Linux Kernel, Libraries, Android Runtime, Application Framework, Applications

2. Interns, Mitas Viet Nam Technologies JSC   **From 10/2020 to 01/2021**
3-month Information Security Interns
Research about Spirent Software, contractor for the military.

3. Full Stack Developer, CMC Technology Institute (CMC-CIST)   **From 03/2021 to 11/2022**
Research and build mobile applications, web applications, and servers for the projects.