

PHAM MANH HUY

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Summary

Flutter Developer with **over 2 years of hands-on experience** in cross-platform development, performance optimization, and scalable architecture. Strong problem-solving skills with expertise in both mobile and backend integration.

Experience

Mobile Application Developer
Derasoft

12/2022 to Current
Ho Chi Minh

- **Developed cross-platform mobile applications** using **Flutter**, ensuring seamless performance on both **iOS** and **Android**.
- **Designed and optimized the UI/UX** to significantly enhance **user engagement**.
- Built and integrated **scalable REST APIs**, and **third-party services** to support app functionality.
- **Improved system efficiency by 30%** through **performance tuning** and **architecture optimization**.
- Developed and maintained **robust backend services** using **Django** and **PHP**.
- **Collaborated with clients** to understand their requirements, and propose effective **technical solutions**.
- Managed **project timelines**, and ensured **high-quality delivery** within deadlines.
- Conducted comprehensive **testing and debugging** to ensure **system stability** and **optimal performance**.

Front End Developer
BlueSkyTech

07/2023 to 08/2024
Ho Chi Minh

- **Researched and implemented** cutting-edge front-end technologies to improve project efficiency.
- Developed and optimized responsive web applications using **ReactJS** and **NextJS**.
- **Collaborated** with team members to deliver projects **on time and within scope**.
- **Participated in UI/UX discussions**, ensuring alignment with design requirements.
- **Managed source code** using Git, conducted **code reviews**, and enforced best coding practices.

Skills

- **Flutter, ReactJS, NextJS, NodeJS**
 - **State management**
 - Integration (**REST API, GraphQL, third-party**)
 - **SOLID, Clean Code** principles
- Project management
 - Software **testing**
 - Tools: **Git/GitHub, Docker, and Firebase**
 - Problem-solving

Key Projects

Internal Chat System for Enterprise (Zulip) - Derasoft
Description: A secure and scalable **real-time chat platform** designed for a large corporation with multiple subsidiaries, supporting thousands of employees across different locations.
Size: 5 members.
Technologies:

- **Backend:** Django, PHP, Microservices.
- **Frontend:** Flutter, ElectronJS.
- **Database:** PostgreSQL, MySQL.
- **Others:** REST API, GraphQL, Redis, Long Polling system design.

Contributions:

- **Develop and extend backend services** using Django, leveraging Zulip's open-source platform.

- **Design and implement APIs for mobile applications and PHP-based server**, ensuring seamless communication.
- **Customize and configure Electron.js** for a tailored desktop application experience.
- **Build and optimize mobile applications** using Flutter, ensuring smooth cross-platform performance.
- **Analyze and implement software solutions** to improve system efficiency and scalability.
- **Modify and enhance the MCV-based web interface** of Zulip to align with business requirements.
- **Conduct manual testing** to ensure software stability and identify potential issues before deployment.

ageLOC TRMe (Singapore)- Derasoft

Description: A health-focused application that enables **consultants** to track and provide feedback on members' health conditions. The app integrates **task-based rewards** for redeeming health-related gifts and synchronizes with health platforms like **Google Fit, Apple Health, Garmin, and Fitbit**.

Size: 6 members.

Technologies:

- **Backend:** PHP, PHP MVC.
- **Frontend:** Flutter, HTML, CSS, JS.
- **Database:** MySQL.
- **Others:** REST API.

Contributions:

- **Develop and optimize the mobile application** using Flutter.
- **Improve source code and optimize project performance** for better scalability.
- **Support customers** by troubleshooting issues and proposing software solutions.
- **Conduct manual testing** to ensure app stability and user experience quality.
- **Assist in integrating and synchronizing health data** with external platforms.

NSVN Warranty – Derasoft

Description: A **warranty management system** for **Nuskin Vietnam**, enabling customers to process **product warranty claims** efficiently. The system integrates with **third-party logistics providers** like **Grab, NTL, Viettel**, etc., to **handle product pickup and returns** for warranty services.

Size: 5 members.

Technologies:

- **Backend:** PHP, PHP MVC.
- **Frontend:** Flutter, HTML, CSS, JS.
- **Database:** MySQL.
- **Others:** REST API, Third-party API integration.

Contributions:

- **Develop and optimize the mobile application** using Flutter.
- **Improve source code and enhance performance** for better scalability.
- **Support customers** by troubleshooting issues and providing software solutions.
- **Conduct manual testing** to ensure smooth functionality and user experience.
- **Integrate third-party logistics APIs** (Grab, NTL, Viettel, etc.) for automated product pickup and returns.

Other Projects (Archived)

Application: **GIAIC Portal, NSVN Office**,...

Education and Training

Information Technology

Vietnam College of Industry And Trade

02/2023

Tan Phu, Ho Chi Minh City

Additional information

- Eager to explore and apply new technologies (AI/ML, IoT) in real-world projects.
- Excellent communication and teamwork abilities, with a proactive learning attitude.
- Beyond Flutter, possesses knowledge in backend development, front-end, Docker, and microservices,...