Nguyen Dinh Quoc Khanh

Web Developer Intern

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github.com/Khanhdeptrai290411

Profile

I am currently a third-year Information Technology student with a deep passion for web development and full-stack engineering. I have gained practical experience in both frontend and backend development, working with technologies such as ReactJS, Flutter, Node.js, Laravel, and PHP. Through a combination of academic projects and independent learning, I have successfully built full-stack web applications and designed RESTful APIs, reflecting my ability to develop responsive, efficient, and user-centric web solutions.

In addition to my exposure to areas like AI and machine learning, my main focus remains on sharpening my skills in web development. I am enthusiastic about joining a dynamic and professional environment where I can apply my technical knowledge, collaborate with experienced developers, and contribute to creating meaningful and scalable web applications.

Skills

Technical Skills
- Web Developer: PHP, Laravel, HTML & CSS, JavaScript, ReactJS, NodeJS, Git, REST API,ExpressJS.
- Mobile Developer: Flutter, PHP, Laravel.

Other Skills
Japanese N3

Education

10/2022 – present
Đà Nẵng, Việt Nam

Đại học Công Nghệ Thông Tin và Truyền Thông Việt Hàn
Major: Công nghệ thông tin (kỹ sư)

Languages

- Japanese. English, Vietnamese

Projects

06/2024 – 08/2024

手と手 – Hand to Hand ⬀

Github:
https://github.com/Khanhdeptrai290411/-Hakathon-2024_1st.git

手と手 (Hand to Hand) is a mobile application developed during the **Hackathon 2024** organized by **NIX** and **VKU**. The app addresses **environmental awareness and action**, encouraging users to contribute to a greener world through daily eco-friendly habits.

Built with **Flutter**, the app features a smooth, cross-platform experience and includes interactive challenges, eco-point tracking, and community-driven activities. Through this project, I strengthened my skills in mobile development, UI/UX design, and team collaboration under time constraints.

This project earned us First Prize at Hackathon 2024, recognizing both our technical implementation and its positive environmental impact.

06/2024 – 07/2024

Weather App ⬀

Github: https://github.com/Khanhdeptrai290411/WeatherApp-Kay.git

Weather App is a mobile application built with **React Native** that provides real-time weather updates using the **OpenWeather API**. The app allows users to search for current weather conditions in any city, view detailed information such as temperature, humidity, wind speed, and weather forecasts. It features a clean, responsive UI designed for a smooth user experience across both Android and iOS devices.

05/2023 – 08/2023

Tofus – Web Design Showcase Project ⬀

Github: https://github.com/Khanhdeptrai290411/BEST-WEB-DESIGN.git

Tofus is a web application that marked my first step into the world of web design and collaborative development. It was my first team project, and through it, I learned how to work effectively with others while applying foundational front-end technologies such as **HTML**, **CSS**, and **JavaScript**.

One of the highlights of Tofus is the integration of **Three.js**, which allowed us to create interactive 3D models and deliver a more engaging user experience. This project not only helped me strengthen my design and coding skills but also introduced me to the importance of teamwork, creativity, and user-centric thinking in software development.

Thanks to this project, I was honored to receive **First Prize – Best Web Design** in a competition organized by my university.

04/2024 – 06/2024

FlashCardWeb

Github: https://github.com/Khanhdeptrai290411/flash-card-web.git

FlashCard Web is a responsive web application developed using **Laravel**, designed to help users study and memorize content more effectively through interactive flashcards. The platform allows users to create, edit, and organize flashcards into different topics or courses, making it ideal for language learning, exam preparation, and knowledge retention.

The backend is powered by **Laravel** with a structured MVC architecture, providing secure user authentication, CRUD operations, and database management. The frontend features a clean and intuitive interface, ensuring a smooth and engaging learning experience.

This project helped me deepen my understanding of **PHP**, **Laravel**, and web application architecture, while also focusing on user experience and practical functionality.

06/2024 – 06/2024

HearMe App ⧉

https://github.com/Khanhdeptrai290411/Backend_HearMe.git.
https://github.com/Khanhdeptrai290411/Frontend_HearMe.git

Heame is an innovative web application built with **ReactJS** and **Python**, designed to support communication between hearing individuals and members of the deaf and mute community. The platform allows users to **learn sign language** and **interact more naturally** using an AI-powered sign recognition system.

The frontend, developed in **ReactJS**, provides an intuitive and accessible user interface for both learners and everyday users. The backend, powered by **Python** and integrated with a **custom-trained AI model**, processes video input in real time to detect and interpret sign language gestures.

Heame was built with inclusivity in mind. By combining computer vision, deep learning, and web technologies, the app helps users:

- Learn and practice sign language through live feedback.
- Translate signs into text for better two-way communication.
- Understand the basics of non-verbal interaction.

This project not only strengthened my skills in **full-stack development** and **AI model training**, but also gave me the opportunity to create something meaningful that contributes to accessibility and human connection.

11/2024 – 12/2024

Boom Meeting

https://github.com/Khanhdeptrai290411/Boom-Meeting.git,
https://github.com/CristalViet/ExpressJsMeetingApp

Boom Meeting is a real-time communication web application developed over the course of two months, from October 25 to December 25, 2024. Built with **ReactJS** on the frontend and **ExpressJS** on the backend, the app allows users to chat, make friends, and engage in one-on-one or group video calls. As a full-stack developer in a two-person team, I was responsible for designing and implementing the overall system architecture, building **RESTful APIs** for user authentication, messaging, and call signaling, and developing a responsive user interface. I integrated **WebRTC** and **Socket.IO** ⧉ to enable seamless real-time video and chat functionality, ensuring a smooth and scalable user experience.

Awards

08/2023

Top 1 Best Web Design 2024

I was honored to receive the **Best Web Design Award** in a competition organized by **VKU (Vietnam – Korea University of Information and Communication Technology)**. This award recognized my project **"Tofus"**, a creative and visually engaging website built using **HTML, CSS, JavaScript**, and **Three.js** for interactive 3D modeling.

The project marked an important milestone, as it was my first web design experience and also the first time I collaborated with others in a team environment. The award highlighted not only the technical implementation and UI/UX quality, but also my ability to bring ideas to life through design and code.

08/2024

Top 1 Hakathon 2024

https://vku.udn.vn/vi/vku-kich-tinh-va-soi-noi-tai-chung-ket-cuoc-thi-tetote-hackathon-2024/

In 2024, I participated in **Hackathon 2024**, an innovation competition organized by **VKU (Vietnam – Korea University of Information and Communication Technology)** in collaboration with **NIX Vietnam**. What made this event unique was that the entire competition was conducted in **Japanese**, providing both a technical and linguistic challenge.

My team and I developed a mobile application called **"手と手 – Hand to Hand"**, which focused on promoting environmental awareness and sustainable living. I was responsible for building the app using **Flutter**, designing the interface and implementing key features such as eco-friendly activity tracking, user challenges, and real-time data visualizations.

Our project was awarded **First Prize**, recognizing both the app's impact and our ability to effectively present and communicate our ideas in Japanese. This experience greatly improved my technical communication skills, teamwork, and confidence in using Japanese in a real-world setting.

08/2024

Top 15 team in AI For Life Contests

I participated in the **AI for Life** competition, a challenge focused on using artificial intelligence to solve real-life problems. The event encouraged innovation in applying AI to areas such as healthcare, education, and accessibility. Our project aimed to make a meaningful social impact through practical AI solutions.

Interests

- Gym, Reading Book