

# Nguyen Khac Ngoc Khoi

## Front-End Developer

---

0384111265 • khoi.nkn12@gmail.com • <https://nknk-vn.github.io/portfolio> • Ho Chi Minh City

### Summary

- 2 years of experience as Web Developer.
  - Strong technical skills in complex development with frontend and backend (preferably frontend).
  - Experienced in programming, debugging, self-testing, deploying, and verifying requirements.
  - Familiar with Agile Scrum, including working in sprints, daily stand-ups, and team collaboration.
- 

### Skills

**Frontend:** HTML, CSS, JavaScript, React.js, Next.js, Redux, Bootstrap, Tailwind, TypeScript, Ant Design.

**Backend:** Node.js, Express.js, Redis, JS Report.

**Database:** MongoDB.

**Deployment:** Docker, Google Cloud.

**Other:** Git, Slack, Linux.

**Foreign Language:** English (Intermediate).

---

### Work experience

#### FINVIET TECHNOLOGY

Ho Chi Minh City

##### Front-End Developer

Oct 2024 - Now

I developed a DMS (Distribution Management System) portal at Finviet to support management and sales operations. Key features include:

- Contributed to the development of a DMS system to support management and sales operations.
- Used Ant Design Pro to create clean and user-friendly interfaces.
- Added Excel export features using JSReport for better reporting.
- Worked in an Agile team, closely collaborating with backend developers.

#### PROTONX

Ha Noi

##### Front-End Developer

Sep 2022 - Apr 2024

I developed an e-learning website to improve content management and student learning. Key features include:

- Designed and improved the user interface for a website that allows users to create and manage organization, classes and necessary teaching materials.
- Developed a user-friendly interface for students with features that support the learning process.
- Utilized the MERN stack across the project.

#### THE UNIVERSITY OF INFORMATION TECHNOLOGY

Ho Chi Minh City

##### Research Assistant

Jun 2019 - Mar 2021

Sensitive object detection:

- Researched basic and modern neural network architectures and their application.
- Evaluated the performance of object detection models on custom datasets.
- Working on object detection using model YOLO.
- Apply model text and object detection on Chrome Extension.

---

## Project

### DMS Portal

Oct 2024 - Now

Domain: <https://dms.finviet.com.vn>

Tech Stack: TypeScript, React.js, Tailwind, UmiJS, Ant Design, JSReport.

#### My responsibility:

- Built and optimized a user interface using Ant Design Pro for a smooth and consistent user experience.
- Used UmiJS for global state management and API handling, improving code structure and maintainability.
- Integrated JSReport to export data to Excel files, enhancing reporting capabilities for users.
- Implemented interactive map features with React Google Maps API to visualize customer locations and delivery routes.
- Focused on frontend development while collaborating with backend teams to deliver a responsive and efficient system.

### ProtonX Client

Sep 2022 - Apr 2024

Domain: <https://protonx.io>, <https://protonx.coursemind.io>

Tech Stack: JavaScript, React.js, Bootstrap, Redux, Next.js, TypeScript.

#### My responsibility:

- Analyzed user requirements, collaborated with customers to define layouts, and developed UI components with React.js and Bootstrap.
- Developed a [Smart Editor](#) for composing more quickly with the Content Completion Feature, combined with ChatGPT API.
- Developed powerful content creation tools, e.g., drag-and-drop quizzes and another type of quiz.
- Developed an advertising website for courses using Next.js, optimizing it for SEO.
- Deployed the website on Google Cloud.

### ProtonX Server

Aug 2023 - Apr 2024

Tech Stack: Node.js, Express.js, MongoDB, Redis.

#### My responsibility:

- Developed and maintained APIs using Node.js, Express.js and MongoDB.
- Enhanced API response times by implementing Redis caching.
- Implemented automated email tools and integrated AI with the ChatGPT API for content creation.

---

## Education

### VNUHCM - University of Information Technology (UIT)

Ho Chi Minh City

Computer Engineering

Sep 2015 - Jun 2021

---

## Publications

[LSPD: A Large-Scale Pornographic Dataset for Detection and Classification](#)

IJIES, 2021

Duy Phan, Thien Nguyen, Huy Nguyen, Loc Tran, **Khoi Nguyen** and Lung Vu

[A Novel Pornographic Visual Content Classifier based on Sensitive Object Detection](#)

IJACSA, 2021

Duy Phan, Thien Nguyen, Huy Nguyen, Loc Tran, **Khoi Nguyen** and Lung Vu

[Khảo sát bài toán nhận diện phương tiện và đo tốc độ phương tiện tham gia giao thông](#)

FAIR, 2020

Loc Tran, **Khoi Nguyen**, Duy Phan, Lung Vu

[Additional learning on object detection: a novel approach in pornography classification](#)

FDSE, 2020

Loc Tran, Huy Nguyen, Duy Phan, Thien Nguyen, **Khoi Nguyen** and Lung Vu

[Multi-level detector for pornographic content using CNN models](#)

RIVF International Conference, 2020

Huy Nguyen, **Khoi Nguyen**, Loc Tran, Thien Nguyen, Duy Phan and Lung Vu

---

### Certification

Structuring Machine Learning Projects - Coursera

Oct 2021

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization - Coursera

Sep 2021

Neural Networks and Deep Learning - Coursera

Sep 2021

Tensorflow Developer Certificate - Tensorflow

Aug 2021 - Aug 2024