

Nguyen Khac Ngoc Khoi

Front-End Developer

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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.
- Dedicated to continuous learning and staying updated with modern technologies and best practices in web development.
- To grow into a Senior Front-End Developer role and explore opportunities in full-stack development.

Skills

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

Backend: Node.js, Express.js, Redis.

Database: MongoDB.

Deployment: Docker, Google Cloud Platform.

Other: Git, Slack, Linux, JS Report.

Foreign Language: English.

Work experience

FINVIET TECHNOLOGY

Ho Chi Minh City

Front-End Developer

Oct 2024 - Now

I developed a DMS (Distribution Management System) portal 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.
- Wrote unit and integration tests with Jest and React Testing Library to improve reliability and ensure high test coverage.
- 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.
- Optimized website performance and SEO using Next.js and deployed solutions via Google Cloud.

- 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	
<div><div>DMS Portal</div><div>Domain: https://dms.finviet.com.vn</div><div>Tech Stack: TypeScript, React.js, Tailwind, UmiJS, Ant Design, JSReport, Jest.</div><div>My responsibility:</div><ul style="list-style-type: none">• 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.• Wrote unit and integration tests using Jest and React Testing Library to ensure component reliability and maintain high test coverage.• Focused on frontend development while collaborating with backend teams to deliver a responsive and efficient system.</div>	Oct 2024 - Now
<div><div>ProtonX Client</div><div>Domain: https://protonx.io, https://protonx.coursemind.io</div><div>Tech Stack: JavaScript, React.js, Bootstrap, Redux, Next.js, TypeScript.</div><div>My responsibility:</div><ul style="list-style-type: none">• 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.</div>	Sep 2022 - Apr 2024
<div><div>ProtonX Server</div><div>Tech Stack: Node.js, Express.js, MongoDB, Redis.</div><div>My responsibility:</div><ul style="list-style-type: none">• 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.</div>	Aug 2023 - Apr 2024

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