

Nguyễn Hoàng Hy

Web developer

I am a web developer with nearly 2 years experience, I am also curious about other aspect of web technologies like back-end and other related tools to increase my productivity like CI/CD tools.

Academic background

2021 - now

Undergraduate Student, Major Software Engineer

University of Information Technology - GPA: 3.4 / 4.0

- Design web UI, design overall project structure, develop some important feature for my team's project, collaborate with my team using Scrum process
- Register domain for my project's website, deploy my website to that domain with Azure Static Web App
- Analyze requirements, design and develop back-end system with MVC architecture, MongoDB database and deploy it to EC2 for my team's Visual Programming subject project
- Researching, reading document and writing paper for *UIT Together Research Group*, one of the biggest research group in my university

Work experience

Achivements

Top **10** best team at **Game UIT Hackathon**, a hackathon competition held by University of Information Technology with the participations of more than **70** teams

- - Lead my team, discuss about idea, design and develop an environment app to help people monitor their carbon emission
- Present my product to judging committee and other competitors

Personal project

• Calendar web app

A calendar app, we can create group and compare our schedule with other member, automatically suggest free time to setup a new meeting.

Live demo: <https://www.hoanghy.tech/>

Github: <https://github.com/hoanghy0112/the-more-the-merrier-client>

My works:

- Implement calendar to display task in this app; design, implement redux for managing task and group, implement redux-thunk to call API; implement a real-time notification system, automatically synchronize task data without reload webpage
- Self-learn new technology like ExpressJS and MongoDB to develop back-end system, learn Docker, Azure Static Web App, AWS EC2 to deploy both front-end and back-end to our custom domain
- Get acquainted with Azure Devops to manage my team and project
- Get acquainted with Scrum process
- Setup eslint, CI/CD, project structure

• Handwritten digits recognition mobile app

A mobile app built with React Native, its main function is detecting handwritten digit by image uploaded or scanned by user

Gitlab: <https://gitlab.com/uit-react-native/handwritten-digits-detection-app>

My works:

- Design by Figma and develop with React Native
- Learn whole new thing about mobile and React Native in a short period of time to develop this app (i.e. using camera, accessing mobile storage,...)
- Using MNIST database to train recognition model with KNN, Kernel SVM and Decision Tree algorithm
- Learn about Azure Function to deploy recognition model

PROGRAMMING SKILLS

- 2 years experience with Javascript, ReactJs
- Redux, React Router, SASS, CSS
- Module, Styled Component, Tailwind CSS
- ExpressJS, SocketIO (Intermediate)
- MongoDB, SQL Server, Firebase (Beginner)
- Azure Devops, Github actions (Intermediate)

OTHER SKILLS

- Design with Figma, Canva
- Intermediate english

CONTACT

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<https://github.com/hoanghy0112>

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