🌐 Ho Chi Minh - Vietnam - GTM+7

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🔗 **My site**

Huy Hoang Ta

LinkedIn 　 GitHub 　 Hashnode 　 Email

I'm Hoang from Vietnam, I look at myself as a programmer with a passion for solving complex challenges with simple, and efficient solutions.

I am a former fullstack web developer with 4+ years of experience in web development space where I build user interface (UI) from Figma design, to implement server API and database. Additionally I also have a chance to work in geospatial field where I do visualization and interaction with geospatial data.

Work Experience

ZMP Vietnam   2020/06 - 2024/07
Software Engineer

- In the beginning, I get myself familiar with basic task of web development: fix minor UI bugs, implement basic UI and server API by following instructions from other senior members.

React.js ✨   Node.js ✨   TypeScript ✨

- Later on, I am assigned to a small team of three people where we build an internal web app relying on a high level WebGL library for data visualizaion and interaction.

  The app is called **Fork Editor** which handles path generation for an automatic Forklift to operate. In this project, I have a chance to collaborate and contribute to building core UI and functionalities from scratch.

  React.js   Node.js   TypeScript   Deck.GL ✨

- After that, we continue with tasks converting an internal tool built with C++ for Linux into a web app based on the motivation of the Fork Editor.

  With this one, we used nearly the same tech stack as Fork with the addition of gRPC to handle the communication between API of the original app and the new web app.

  React.js   Node.js   TypeScript   Deck.GL   Mongoose ✨   gRPC ✨

- Finally, I work on a dashboard to manage files used by robots as well as other operations. The dashboard is part of a system called**ROBO-HI** whose vision is a central place for robot integration and robot management in the future of Japan.

  During this phase, I have more chance working at the backend with API and database beside the frontend. In this project, we also include automation test to reduce bugs for the system.

  React.js   Node.js   TypeScript   Sequelize ✨   AWS: S3, Dynamo ✨   Cypress ✨

Studies

Ho Chi Minh City University of Science   2015 - 2019

- Bachelor of Science in Computer Science.

Skills

Here, I summarize a list of skills and tools by categories that I often use in my job and my daily practice.

Frontend

Implement user interface based on Figma design using React.js with its library ecosystem. Besides traditional UI, I also have experience in data visualization and data interaction for geospatial field.

HTML CSS React.js Deck.GL Styled Components Cypress

Backend

Implement APIs for communication between client and server. Additionally, I have worked with database modelling and database interaction using an ORM tool like Sequelize or ODM such as Mongoose.

Node.js Mongoose Sequelize AWS Jest

Tools and Processes

Beside main technology stack I use above to help build products along my working and learning journey, I also have chance to use other tools and processes that definitely assist me a lot.

Figma Git Docker MongoDB Atlas pgAdmin Jira Scrum Swagger

What I'm up to

At the moment, I'm looking for a new opportunity where I can bring my working programming experience to cooperate with people and together learn and build products that will leave a positive impact in life.

Everything is relative so does role and level expectation by each company, here is my description of myself: A fullstack web developer role with a level requirement ranging from mid-senior to senior.

Besides familiar skills, ideas, I often find it fascinating to hear from other renown people talk about programming, working methodology so that I can expand my world view. At the moment, I'm exploring **Ruby on Rails** and will later move on to their related tools due to the impression on their motivations to strive for simplicity but still ensure efficient result in the way we work and achieve results with technology.