

# HUỖNH ĐỨC HUY

Junior Developer

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## WORK EXPERIENCE

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### Ninecode

06/2022 - 06/2023

*Junior FullStack Developer*

#### Ninecode's Product (Qrcode, Quiz, Ninecard)

- Work as a Fullstack JS Web Developer and use MongoDB consistently.
- Apply many modern design patterns to MongoDB to design Schema. Maintain and fix bugs for both products. Suggest solutions help dealing high request concurrency when student access quiz to contest, refactor API structure, perform queries at Cronjob, and create indexes to deal with high CPU usage on the Mongo server. Research Replica, and Sharding.
- Extend Payment feature and use gRPC to synchronize payment data.
- Utilize Redis caching for user information to improve request time (~500ms).
- Can work independently from basic design to development. Divide tasks into smaller parts, estimate, and complete them before the deadline.
- Start code review for team members to ensure clean JavaScript code practices.
- Develop new features such as PDF Qrcode. Integrate with the AI team to create a Bot Chat - using OpenAI API.
- Create Business Card feature with many dynamic template, using MUI, Redux Saga to develop.

#### Ninecode's CMS System

- First time working as a supporter for the entire CMS System. Spend 20% of the time managing and supporting team members and 80% coding.
- Have a clear understanding of the entire microservice architecture, including gateway APIs and multiple services. Build a microservice system to manage accounts, blogs, and multi-language support for products. Write structure - API documents. Accurately estimate task times for team members.
- Work with superiors to find solutions and manage the project schedule.

### Vietcan

- Clone Wordpress Web and rebuild it with MERN Stack. Develop a monolithic backend that includes login, file uploading, account and blog management, covering all features needed for SEO And Manage Landing Page.
- Suggest, start learning, and develop a Landing page with NextJs, utilizing caching with SWR and ISR to achieve high-performance website loading.
- Use ReactJs and MUI to develop a CMS with a main feature of drag & drop components for creating various UI templates.

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### Hybrid Technologies

01/2021 - 05/2022

*Fresher Fullstack Developer*

#### Aircloset

- Outsourcing team for a big system serving clothes buying and renting in Japan. One of the strongest teams at Hybrid, requiring high performance and efficiency in work. Consistently achieving above 7.0/8.0 performance rating monthly.
- Maintain and fix bug for system with over 8 backend services, utilizing various technologies for both Web and Mobile (React Native).
- Work following Scrum methods. Start by writing Detailed Design based on the provided Basic Design from BrSE. Code and create test cases and unit tests for various scenarios. Deploy and conduct testing before transferring to the Tester. Each stage is usually reviewed by Seniors in Japan.
- Write simple to complex MySQL queries for Cronjob and Statistic tasks. Utilize intermediate ExpressJS, MySQL with Sequelize, and NestJS with PostgreSQL. Create highly accurate MUI and Bootstrap UI up to each pixels, handling features with ReactJS and Redux Saga, such as A/B Testing UX, Form, and validation, Recommend Clothes Items from the AI team...
- Get familiar with SocketIO and Redis for real-time tasks and warehouse services.
- Use English for chatting and basic communication.

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## SKILLS

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English	CEF: B2. Intermediate
Technology	Strong HTML, CSS, SCSS, Javascript/Typescript, NodeJS (ExpressJS), ReactJS. Familliar with MongoDB, MySQL/PostgreSQL, Redis, gRPC, SocketIO, Docker, NextJs, MUI, VueJs. Begin and keep learning with Golang (Gin, gorm), Kubernetes, NestJs.
Portfolio	<a href="http://dhuy4rtmaker.space/">http://dhuy4rtmaker.space/</a>

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## EDUCATION

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HO CHI MINH CITY UNIVERSITY OF SCIENCE	From 2017 - 2022
Major: Software Development	
GPA: 7.83/10	

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