



**NGUYEN TRONG DAI**  
Backend Developer

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29/01/1997

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## OBJECTIVE

In short term, utilizing my experience and skills in the past to become an outstanding web developer in a dynamic and challenging environment. In long term, getting expertise into senior web developer role, help company achieve expected development.



## EDUCATION

POSTS AND TELECOMMUNICATIONS INSTITUTE OF TECHNOLOGY  
SOFTWARE TECHNOLOGY

09/2015 - 09/2020



## WORK EXPERIENCE

CRYPTOPIE-LABO

02/2022 - Present

*Backend Developer*

Currently, I am working as a software engineer at Cryptopie-Labo. It's a cryptocurrency exchange, and my team is responsible for the development of the exchange domain.

Team size: 9

Dev team: 5

Responsibilities:

- Exchange:

- Focus on coding and developing exchange domain features. Handle the work of creating orders for users, and matching orders. Communicate with other microservices to verify relevant information when placing orders. For example: Verifying user information, checking balance to hold balance when users create orders
- Responsible for developing and maintaining the team's features on the other side.

- Grid Trading:

- Create strategies, with trading grids. Based on the prices of pairs, create symmetrical orders. Calculating and predicting user profits using the trading grid
- Based on the core idea of buying low and selling high, it applies to a volatile market of digital currencies

Technologies used: Nest.Js (Node.Js), Vue.Js (Typescript), MySQL, MongoDB, Microservice, Docker, Kafka, Redis, gRPC, WebSocket/MQTT(MQTT Over WebSockets)

BNK SOLUTION

12/2020 - 02/2022

*Full Stack Web Developer*

I worked as a software engineer at CIMB Bank Vietnam, the first digital bank in Vietnam.

My job is developing a web application to integrate with the bank's partners, which fulfills most of the features available on the bank's mobile application.

It includes all the features that the partner needs from the bank and the requirements that the bank needs the partner to meet.

For example: Create contract, create digital signature, manage card, transfer money,....

- The application I am currently developing is called: Octo web

Team Size: 9

Responsibilities:

- Main focus on coding and deploying, build high-quality reusable code that can be used in the future, troubleshoot and debug applications.
- Build front-end, write APIs. Integrate them together.

Technologies used: Nest.Js (Node.Js), React.Js (Typescript), MobX, Webpack, MySQL, Microservice, Docker

- Recently I had also the opportunity to participate in developing some mobile app features.

Team Size: 5

Responsibilities:

- Main focus on coding, build high-quality reusable code that can be used in the future, troubleshoot and debug applications.
- Build the interface for the application, handle the business around the developing features, write APIs. Integrate them together.

Technologies used: Flutter, Redux

## ANT-TECH

11/2019 - 11/2020

*Full Stack Web Developer*

I was involved in the development of a social networking project for clients from France, which is a wonderful project called "Joynit".

It gives you the opportunity to create events for individuals or organizations. It can do anything for you, your job is just creating an event and inviting your friends. Then we will solve all for you.

It makes it easy to manage everything, and there's a lot of fun about this product.

Team Size: 4

Responsibilities:

- Main focus on coding and deploying, build high-quality reusable code that can be used in the future, troubleshoot and debug applications.
- Build front-end, write APIs. Integrate them together. Build and deploy the application on the test environment.

Technologies used: Nest.Js (Node.Js), GraphQL, Angular, NgRx, Apollo GraphQL, MongoDB, Docker

## JANETO ICT

02/2019 - 10/2019

*Full Stack Web Developer*

Participate in writing UI of the project about education (Malvern) for Singaporean customers.

Participate in developing product project for the company, called Ruby. The product is intended to help manage employees' work, arrival and departure times, manage current and future events, ...

Team Size: 4

Responsibilities:

- Main focus on coding and deploying, build high-quality reusable code that can be used in the future, troubleshoot and debug applications.
- Build front-end, write APIs. Integrate them together.
- Build and deploy the application on the test environment.

Technologies used: Node.Js, Angular, MongoDB



## INTEREST

Reading technology blog, researching, listening to music



## SKILLS & TOOLS

Skills & tools

- Node.Js / Express.Js / Nest.Js
- Javascript / Typescript / Angular / React.Js / Vue.Js
- Flutter / Flutter\_Redux / Provider
- NgRx / Akita / Redux / Mobx / RxJS / GraphQL
- MySQL / MongoDB / Redis
- Docker / Kubernetes / CI/CD
- Microservice / Nats / Kafka / Mqtt / Linux / Nginx
- Git / Github
- Design and implement database structures



## MORE INFORMATION

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