



NGUYEN TRONG DAI

BACKEND DEVELOPER



Nam



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29/01/1997



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Ha Noi



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, Backend Developer

02/2022 - PRESENT

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

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

INTEREST

Reading technology blog, researching, listening to music

MORE INFORMATION

- Email: dainguyen.iammm@gmail.com
- Website: <https://nguyendai.dev/>
- Github: <https://github.com/ngtrdai197>

- 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)

- LinkedIn: [linkedin.com/in/ngtrdai197](https://www.linkedin.com/in/ngtrdai197)

BNK SOLUTION, Full Stack Web Developer

12/2020 - 02/2022

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, Full Stack Web Developer

11/2019 - 11/2020

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

- 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, Full Stack Web Developer

02/2019 - 10/2019

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

