

#### NAM NGUYEN NGOC (NGUYĒN NGỌC NAM)

Position: Software Engineer

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#### **PERSONAL SUMARY**

Experienced Backend (over 2 years) and Front-end (for 5 years) in the industry, proficient in NodeJS, Java and knowledgeable in MongoDB and MySQL. Skilled in ReactJS, NextJS, and VueJS. Have experience with cloud platforms such as AWS, with hands-on experience in Docker. Demonstrated expertise in CI/CD pipelines and deployment processes. I am dedicated to continually enhancing my skills and contributing valuable, scalable projects.

#### **EDUCATION**

HANOI UNIVERSITY OF INDUSTRY (8/2018 – 5/2022).

Major: Bachelor of Information Technology (3.0/4).

#### **TECHNICAL SKILLS**

Program	Javascript
Famework	NestJS, Java, ExpressJS, ReactJS, NextJS, NuxtJS.
Database	MongoDB, MySQL.
CI/CD	GitLab, Github.

#### **WORKING HISTORY**

COMPANY	JOB TITLE	PERIOD
BAP IT JSC	Full-stack developer	02/2023 - now
Miraisoft VietNam	Front-end developer	3/2021 - 02/2023

#### **PROJECTS**

## 1. Cruise AI Agent (02/2025 – now)

Description	The AI Agent allows user can interact for searching cruises. Using LLM to detect users' requirements.
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# 2. Pirc AI agent (12/2024 – 04/2025)

Description	An AI-driven platform utilizing ChatGPT API for synthesizing and analyzing data on construction materials, enhancing decision-making in material selection and project planning.
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	+ CI/CD.
	- ChatGPT API, Next.js, Redux, Redux Toolkit, TailwindCSS,
Technology	Python, FastAPI, PostgreSQL, Docker, AWS, CI/CD, Git.

# 3. Endeverus social networking (06/2024 - 02/2025)

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Description	The social project for US startup customer using NuxtJS, NestJS allow user can create Posts, Projects, and chat with each other. <u>link</u>
Size	6 members (4 Frontend, 2 Backend).
Position	Middle Full-stack Developer.
My responsibility	+ Constructing base code in Front-end (using NuxtJS)
	- Integrate Firestore for realtime chating.
	- Create UI.
	+ Dealing with some features in back-end
	- Create posts and projects.
	- Upload file to cloudinary
	+ Hands on with server
	- CI/CD to deploy both in Frontend and Backend.
	- Using AWS to deploy server.
	+ Communiate with customer to clarify requirements.
	+ Manage task and assign to team members.
	+ Leader team Frontend.
	+ Review code.
	+ Performace optimization.
Technology	- NuxtJS, Tailwind, Vee-validate, Pinia, Firestore.
	- NestJS, PostgresQL, Docker.
	- AWS, RDS, Cloudinary, Nginx, Supervisor, Docker.

### 4. Growth college education Japanese website (07/202 - 06/2024)

Description	The education project uses ReactJS & Java (Spring boot) technology to allow companies and organizations create courses for commercial. (maintain). <a href="maintain"><u>link</u></a>
Size	9 members (2 Frontend, 4 Backend, 1 Bridge SE, 2 Testers).
Position	Middle Full-stack Developer.
My responsibility	+ Code new layout and base structure.
	+ Design and implemenet workflow in both backend and frontend.
	+ Fix bugs.
	+ Review code.
	+ Config Docker.
	+ CI/CD.
	+ Git.
	+ Performance optimization.
Technology	- ReacJS, Ant design, React-hook-form, Redux-Saga.
	- Java (Spring boot), AWS, S3, MySQL.

### 5. Digital Transformation Japanese website – MOGANA (02/2023 –08/2023)

Description	The digital transformation project uses VueJS (NuxtJS) technology to digitize the management of people and devices.
Size	25 members.
Position	Middle Front-end Developer.
My responsibility	+ Coding new layout and base folder structure. (Create form, management realtime-data-table using NuxtJS). + Fix bug. + Review code. + Use docker for connecting to API.

Technology	VueJS, Pinia, Vuetify, VeeValidate, PHP, docker, MySQL, S3,

### 6. Japanese website data synthesis Chrononavigation.(05/2022 - 02/2023)

Description	Description: Synthesis data to display in d3 chart.
Size	4 members.
Position	Junior Front-end developer.
My responsibility	+ Coding new layout and base folder structure.
	+ Fix bug.
	+ Review code.
	+ Write realtime feature (comment feature).
	+ Use docker for connecting to API.
	+ Communicate with Japanes team.
	+ Testing.
Technology	NextJs, Java, Docker, MongoDB, Tailwind, Websocket, D3js,
	Recoil, Jest.

#### 7. Japanese partner's m-sherpa pension management poject (8/2021 - 3/2022).

Description	+ Description: website for Japanese pension statistics.
Size	3 members.
Position	Fresher Front-end developer.
My responsibility	+ Coding new UI and feature (admin layout).  + Fix bug (UI and logical).  + Constructing admin UI.  + Communicate with Japanes team.

Technical	+ Perform Unit Testing (Jest) for UI.  + Testing UI (unit test).  NextJs, ExpressJs, Java, Axios, PostgresQL, Redux-toolkit,
	+ Validate data of csv file. + Perform Unit Testing (Jest) for UI.
	+ Aggregate data and perform downloading csv file function.

## 8. Japanese website selling Kagurazaka-farm (12/2021-5/2022)

Description	Japanese website selling products (fruits, vegetables,)
Size	3 members.
Position	Fresher Front-end developer.
My responsibility	+ Coding new UI and feature (admin layout).
	+ Fix bug (UI and logical).
	+ Write middle API (using NestJs and GraphQL).
	+ Using mircoCMS to write blog.
	+ Validate form.
	+ Use Docker for connecting Api from middle project.
	+ Communicate with Japanes team.
	+ Testing UI (unit test).
Technical	NextJS, ExpressJS, Java, Axios, PostgresQL, Redux-toolkit, Material-UI, Rechart, Jest.

## 9. Japanese website selling food (09/2020 – 06/2021)

Description	- Japanese website selling foods product.
Size	5 members.
My responsibility	+ Constructing UI

	<ul><li>+ Validate form.</li><li>+ Fix bug.</li><li>+ Communicate with Japanese team.</li></ul>
Technology	NextJS, Redux, Redux-thunk, Express, MySQL, Material UI.

### **ACTIVITIES**

# Supportor and Teacher Front-end (HTML, CSS & JS and ReactJS).

Description	Supporting and teaching Front-end.
Size	16 members.
Position	Teacher Front-end (ReactJS).
My responsibility	+ Support students learning and coding in class.  + Resolve the students' difficulties with homeworks.  + Teaching Front-end (HTML, CSS & JS and ReactJS) for students.  + Managing all the students in class.