

LE ANH HAO

Software Engineer



CONTACT INFORMATION:

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OBJECTIVE:

As a middle-level fullstack developer, I realize that the world still has a lot to learn. My current skills still don't satisfy my desires. Hopefully, in the near future, I can reach the next milestone in my life, which is becoming a senior fullstack developer.

With my favorite quote, you will understand who I am:

"I'm the type of person if you ask me a question, and I don't know the answer, I'm gonna tell you that I don't know. But I bet you what. I know how to find the answer, and I will find the answer."

- Chris Gardner -

SKILLS:

- **Frontend:** HTML, CSS, Javascript, Typescript, ReactJS, Redux, Redux-Toolkit, Redux Saga, [RxJS](#), [ThreeJS](#) – [React Three Fiber](#), [Mafu](#), SCSS, Styled-Component, Antd, MUI.
- **Backend:** ExpressJS, NestJS, SocketIO, NoSQL (MongoDB), SQL (Postgresql), Docker, NginX.
- **Language:** English (good at reading and listening, basic communication).
- **Others:** Algorithm, Clean Code, Git, Teamwork.

EXPERIENCES:

• REAL-TIME TIC TAC TOE GAME (3D)

Pet Project (22/4/2022-8/5/2022)

General: Solo

Repo: github.com/haola1210/prj-three

Applied Technologies:

- Frontend: ReactJS, ViteJS, Typescript, SocketIO, SCSS, ThreeJS.
- Backend: ExpressJS, SocketIO, Typescript.

Functions:

- Simple logging in, choosing and creating room.
- Generating chess board and user's chessman
- Adding orbit control and game logic processing (turn changing and result checking)

Achievements and skills gained:

- Setting up project with ViteJS (config API base url and Alias for clean importing).
- Implementing database logic myself (since I did not use SQL or NoSQL)
- Improving SocketIO usage. (I was wrong when combining socketio logic with redux in my previous projects).
- Lazy importing components and error boundary for handling errors

• INCOME AND EXPENSE NOTE-TAKING

Pet Project (ongoing)

General: Mentor

Repo: github.com/haola1210/Gold-Jar

Applied Technologies:

- Frontend: ReactJS, ViteJS, Typescript, RxJS, Formik.
- Backend: NestJS, Typescript, MongoDB, Redis, Docker, NginX.

Functions:

- Token-based Authentication
- Logging in with Facebook and linking the Fb account to an existing user.
- CRUD notes, showing data in calendar.
- Analytic charts, and exporting Excel files (ongoing).
- Worker service for password reset.

Achievements and skills gained:

- Earning experiences by supporting and mentoring my team member
- Gaining knowledge regarding worker service.
- Configuring, setting up, and deploying the application on the VPS

WORKING EXPERIENCES:

- **KeyReply company:** (<https://keyreply.com/>)
Position: Junior developer (01/06/2021 – 08/02/2022)

Project: Whatsapp Portal

Applied Technologies: ReactJS, NestJS, Typescript, VueJS, ExpressJS, Antd, Docker, Redis, etc.

Tasks:

- Implementing a feature that allows partners to customize their content and logo.
- Updating the cache functionality of the analytic feature.
- Updating the analytic feature to use new Facebook's API.
- Creating a tool to convert css/scss of project from LTR to RTL.
- Fix bugs, updating other features and so on.

- **FPT Software:** (<https://www.fpt-software.com/>)
Position: Junior developer (15/02/2022 – 10/08/2022)

Project: Robot Simulator (Doosan Robotic)

Applied Technologies: Typescript, ReactJS, Redux-Toolkit, MUI, ThreeJS, URDF model, etc.

Tasks:

- Implementing the 3D model generation and rotation.
- Implementing the moving and picking functionality for 3D simulators.
- Implementing the zoom by percent functionality.
- Implementing many interaction features as requirements.
- Implementing common components for the dashboard.

- **Ban Vien company:** (<https://banvien.com/>)
Position: middle-level frontend developer (15/08/2022 – now)

Project: Sadlier Education

Applied Technologies: ReactJS, Typescript, SCSS, Antd, Styled-Component, Redux-Toolkit, RxJS, etc.

Tasks:

- Implementing a feature that allows Admin to impersonate lower-level sessions.
- Adding a session reminder if the user goes too long without focusing.
- Implementing some common components.
- Optimizing the token refreasing feature.
- Fix bugs, maintain available features, and so on.

Project: Perfection Learning Education

Applied Technologies: ReactJS, Typescript, SCSS, Mafes, RxJS, NestJS, etc.

Tasks:

- Implementing a Graphing Tool that allows users to draw and interact with graph objects. (a little bit like draw.io)
- Joining the development of the integration system that syncs data from upstream platforms (EdLink, etc.).
- Implementing the asynchronous interceptors and the synchronous middlewares for the integration system.

EDUCATION:

Ton Duc Thang University (Aug 2018 – Dec 2022)

Major: Information Technology

INTERESTS:

Coding, Learning new things, Cats, Aquarium and Fishing.

ADDITIONAL INFORMATION:

I'm an energetic and curious person, and I'm willing to learn new things.

I always bear in mind that helping others also helps myself and I believe that *"In lifting others, we rise"*. Therefore, I often help my friends fix bugs and solve their issues, which helped me broaden my horizon.

And finally, I am a cat lover.

Some cool demos:

- [Mattle-ground 2D game \(shooting and drilling an obstacle\)](#)