

Nguyen Dinh Hoa

Front End Engineer

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About me

I'm a front end engineer with 9 years experience developing complex, high profile web applications collaborating with both small and large teams. I specialise in JavaScript, thriving in an agile environment leveraging modern technologies such as React and Redux. I pride myself in writing scalable, elegant code — creating simple solutions to complex problems.

Skills

- JavaScript
- Node.js
- TypeScript
- HTML
- CSS / SCSS / LESS
- React
- Redux, Redux Toolkit, Zustand, Recoil
- Angular
- NgRx
- Webpack
- NestJs
- Jest
- Responsive Design
- TDD
- Agile
- Java/Spring Boot

Experience

Woowa Brother Technology (Baemin Development Center) - HCMC

Web Frontend Engineer (Mar 2023 - Current)

- Be one of the first members of the Development Center team to build products for whole corporation.
- Involved in building a new product from scratch, which is a platform to manage company domains and publish term of services.
- Analyzed, proposed and implement solutions for frontend app state management
- Created libs for shared components, utility which used in monorepo.

Smart DBA Project

- Implement features which can help DBA staff can automate there tasks, reduce the workload and time
- Implement dynamic form which support to submit the request form with dynamic fields controlled from server.
- Refactor common filter component to reuse and support multiple filter types.
- Implement Request Configuration which can help admin to control app settings
- Implement Auto-assignment for DBA which improve automating DBA processes

Approval Line Management System project

- Contributed to view an efficient approval workflow for target system.
- Implement request management modules
- Implemented an embedded approval flow for target systems to help user know how is their approval flow setup
- Implement dashboard page which can help user to track their workspaces and statistics.

Woowa Brother Vietnam (Baemin Vietnam) - HCMC

Web Frontend Engineer (Jun 2020 - Mar 2023)

- Main in-charge on Frontend role in squad to implement features serve for company's business.
- Implemented Express feature helps to expand the company business scope and compete with other competitors.
- Implemented Surcharge features which help operation team set up and manage surcharge fee, thereby returning another source of revenue to company.
- Integrated with new Menu Service which is an enhancement of menu management, support master menu feature and refactor 2 modules of internal system: Store and Dish to adapt new service.
- Integrated with new Authentication Service while still keep backward compatible with old Authentication flow
- Built a tool to expanse quickly 16 cities: collect data, improve system while still meet the deadline of expansion, output is dynamic city expansion feature, new city expansion can be achieved by configuration at backend side without deployment at out of service, reduce 75% workload

- Created Mass Update Tool for operation team which let them do by themselves and reduce many tickets.
- Optimized the performance of loading of Manage Home Page by 50%.
- Integrated synchronize data between internal system and external system (Zoho CRM) for Rider and Store Modules to help operation team manage data.
- Involved in building application from scratch, built common components, applied testing and refactored Redux state management.
- Developed a tool for file uploading which can help operation team upload images of almost feature in internal system such as merchants, menu, collections, riders, manage home.
- Maintained and improved high-quality in-house Javascript libraries and toolsets.

Zyxel Communication Corporation

Senior Frontend Engineer (Apr 2019 - Jun 2020)

Nebula Cloud Network Control Center

- Involved in building a web application from scratch which migrate from legacy application to new one using Angular 8, NgRx and SCSS.
- Built common components base on Atomic Design
- Built i18n tool to support team implement multiple languages easier and reduce conflict of large json files.
- Implemented Data Log page to combine several log types and display them.

FPT Software, HCMC

Frontend Engineer (Jun 2018 - Apr 2019)

Premedia Bank for Education

- Continue to develop new features and fix bugs for the legacy project.
- Developed a book uploader using pre-signed-url to support operation team upload big files to E-Library.
- Introduced unit testing into the legacy codebase using Karma and Jasmine.

Estimation Support System

- Built a web application from scratch for the estimation support system using Angular 4, Angular Material and Flex Layout.
- Drew charts such as pie chart, bar chart, line chart using **High Chart** to show the data of estimation.
- Optimized the performance of chart loading by recalculate the data and draw chart again.

THL Software - QTSC, D12 HCMC

Web Developer (Nov 2016 - June 2018)

NFC Coupon MVP

- Developed and implemented a cross-platform application using Ionic framework to help users find the nearest restaurant and make an order using NFC tag.
- Developed and implemented a backend system using Java Spring Boot and MySQL database to manage the restaurant and the orders.
- Developed and implemented an internal website using Angular 2 and bootstrap to manage the restaurant and the orders.

Volunteerism

- **SheCodes 2022 (mentor)** - SheCodes Hackathon is a hackathon exclusively for women in Vietnam, with the goal of breaking down gender barriers in the field of technology, bringing technology closer to life. This will be a playground for you to be creative, build outstanding technology projects, bring the best solutions to today's social problems within 48 hours.
- **GIC Idea Showcase 2023** - At Idea Showcase, 6 teams with the most impressive ideas will present their projects to the judges and the audience. As a member of the team representing the diamond sponsor, interact with students, give advice on the study process and choose a major in the IT field.

Education

B.S. Software Engineer

HCM University of Technical and Education - Ho Chi Minh, VN (Aug 2012 - June 2016)

- Focused on front end web development such as HTML, CSS and JavaScript.
- Completed Computer Science classes covering OOP and C sharp.
- Completed Information System class covering database design, SQL, Distributed Database, Data Warehouse and Information Security.

