

Nguyen Quoc Huy - Frontend Developer

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TECHNICAL SKILLS

Programming Languages: HTML, CSS, Javascript, Typescript, Java

Frontend Frameworks/Libraries: ReactJs, NextJs, Angular, Redux, TailwindCSS, Material UI, etc

Backend Technologies: NestJs, REST API, GraphQL, Spring Boot

Databases: MySQL, PostgreSQL

Cloud: AWS EC2, S3

Tools: Docker, Git, Gitlab, Ubuntu, Jira, Trello, npm, Github Actions

Testing: React Testing Library, ESLint, Jest, Enzyme

State/Data Management: React Query, SWR, Apollo GraphQL, i18next

Other Skills: Micro Frontend Architecture

ACHIEVEMENT

English: TOEIC 760

PROFESSIONAL EXPERIENCE

TMA Solutions - Web Developer

Dec 2021 - Present

 **Banking management system**

Software Engineer

An enterprise solution designed to manage various business processes, including financial services, sales, data integration. It leverages a microservices architecture with Spring Boot.

Responsibilities	Technologies
<ul style="list-style-type: none">• Migrate existing Angular application to micro frontend• Build docker image• Developing and maintaining components in Angular• Publish components package• Creating reusable components, storybook, and conducting code reviews.• Form handling• Ensuring a responsive and	<ul style="list-style-type: none">• Frontend: Angular, TailwindCSS, Typescript• Backend: Spring Boot• Authentication: Keycloak• Database: PostgreSQL• CI/CD: GitLab CI• Other: Vault Configuration, Camunda Workflow Engine, Docker

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- strictly follow by design
 - API integration
 - Writing unit tests

Trainer and course management system

Software Engineer

A comprehensive platform for managing educational courses, trainers. It leverages a microservices architecture with Spring Boot.

Responsibilities	Technologies
<ul style="list-style-type: none"> • Migrate existing React application to micro frontend • Developing and maintaining components in Angular • Creating reusable components, storybook • Form handling • Ensuring a responsive and strictly follow by design • API integration • Writing unit tests • Conducted code reviews 	<ul style="list-style-type: none"> • Frontend: React, NextJS, TailwindCSS, Typescript • Backend: Spring Boot • Database: MySQL • CI/CD: GitLab CI • Other: Nexus, Docker

ENGINE system

Software Engineer

A system takes logs and queries from other systems, processes the data, and displays the analyzed data in a user-friendly format using charts or tables.

Responsibilities	Technologies
<p>Frontend</p> <ul style="list-style-type: none"> • Develop and maintain components of the application in Reactjs • Integrate and transfer data from an API and convert it into a Plotly chart or analyzed tables format. • Creating utility functions to convert source data can be reused for various types of charts or tables. • Customize PlotlyJs chart • Conducted code reviews <p>Backend</p>	<ul style="list-style-type: none"> • Frontend: ReactJS, Apollo, Redux-toolkit, Material UI, Typescript • Backend: NestJS, GraphQL • Data seeding: Python • Database: PostgreSQL • Managing project: Lerna • CI/CD: Github Actions • Code quality analysis: SonarQube • Deploy services: AWS ECS

- Implementing data migrations using TypeORM
- Develop and maintain GraphQL endpoints in NestJS
- Integration API with Frontend.
- Writing unit tests

T-DESIGN

Software Engineer

A web page used to introduce products of TMA team design.

Responsibilities	Technologies
<ul style="list-style-type: none"> • Create static components strictly follow by design in Vanilla JS • Update node version of project • Migrate firebase to newest version • Implementing blogs management system with ExpressJS 	<ul style="list-style-type: none"> • Vanilla JS • ExpressJS • Firebase • SCSS • Wow.js

EDUCATION MANAGEMENT SYSTEM

Software Engineer

A student management system used for teachers testing foreign students' English proficiency. Supporting multiple languages and speech to text.

Responsibilities	Technologies
<ul style="list-style-type: none"> • Setting up front end repo in ReactJS • Implementing and maintaining components and functions • Form handling • Writing and maintaining unit tests • Implementing internationalization with i18next • Implementing voice recording function and conducting code reviews. 	<ul style="list-style-type: none"> • Frontend: ReactJS, Redux, i18next, Material UI, Formik, Vite, Docker, Web audio API • Backend: Spring Boot. • Database: MySQL • CI/CD: Gitlab CI • Services: AWS S3, AWS Transcribe

HEALTHCARE MANAGEMENT SYSTEM

Software Engineer

A healthcare system for managing medical equipment, clinic schedules, participant surveys, campaigns, patient information, and data uploads from sheets, etc..

Responsibilities	Technologies
<ul style="list-style-type: none"> • Creating and maintaining components, features • API Integration • Writing unit tests with Jest, enzyme 	<ul style="list-style-type: none"> • Frontend: React, Redux, Bootstrap, SCSS, SurveyJS • Backend: Spring Boot • Database: MySQL • Authentication: Keycloak • Other: Docker, Redis, Kafka, etc...

Loocreative Company - Intern

Mar 2021 - Dec 2021

- **Technologies:** ReactJS, Redux, FabricJS, GSAP, SCSS

EDUCATION

Posts and Telecommunications Institute of Technology HCM Branch

2018 - 2023

- **Major:** Information Security