# QUANG TRINH KHAC

## FRONT-END ENGINEER

## ABOUT ME

Versatile Front-End Engineer with 5+ years of experience designing, developing, and maintaining complex web applications. Specialized in modern JavaScript libraries and frameworks such as React and Vue, I am committed to delivering forward-thinking solutions and fostering a collaborative work environment. Aiming to leverage my expertise to drive innovative strategies that enhance engagement and increase conversions.

## SKILLS

HTML
CSS
   - SCSS
   - Tailwind
   - CSS-in-JS
JavaScript
   - TypeScript
   - React
   - Vue
   - Recoil/Zustand/Redux/Vuex
   - Gridsome
   - Next.js
Elixir
Git

# WORK EXPERIENCE

## Front-End Engineer

CareHealth  |  *08/2023 - Present*

**Membership** - As a Front-End Engineer at Care, I enhanced the membership module and the partner back-office interface, focusing on integrating intuitive solutions into the wellness features to boost user engagement and satisfaction.

- Collaborated with two other Front-End Engineers to design and implement interfaces that were intuitive and consistent with the company-wide design system, catering to user preferences and supporting business goals.

- Led research into integrating form builder frameworks such as form.io and BEEKAI with our company's design system, achieving faster form creation and more efficient addressing of customer needs.

*Team Size: 12*
*Tech Stack: TypeScript, ReactJS, Zustand, NextJS, SCSS, TailwindCSS, Ant Design*

**Wellness** - Solely responsible for the front-end development of the Wellness project, I integrated wellness features into the partner back-office interface, enhancing platform interactivity and customization which led to increased partner engagement and positive feedback.

- Developed and delivered complex, intuitive interfaces on schedule, fulfilling customer expectations and business strategies.

- Worked with the mobile engineering team to ensure webview behavior consistency across Android and iOS, improving the Flutter mobile application's functionality.

- Integrated event tracking features and worked closely with the data team for actionable insights, enhancing user experience.

- Initiated and applied a monorepo strategy to unify four front-end repositories, minimizing code duplication and fostering code reuse.

*Team Size: 10*
*Tech Stack: TypeScript, ReactJS, Zustand, NextJS, SCSS, TailwindCSS, Ant Design*

## Full-Stack Engineer

**Deliany**  |  *10/2020 - 07/2023 (2 years 9 months)*

**Deliany** - At Deliany, I contributed to the development of multiple SaaS applications as part of an online food ordering system (cloud kitchen). Starting off as a Front-End Engineer, I utilized my knowledge and skills in React and its ecosystem before transitioning to a Full-Stack role using Elixir/Phoenix. I played a key role in deciding on and shaping the company's internal UI libraries, ensuring consistency and efficiency.

- Led the architectural design and development of a POS system, focusing on high-quality, timely delivered code.
- Enhanced company-wide JavaScript libraries, emphasizing a robust and intuitive React UI library leveraging Headless UI.
- Worked closely with designers and product owners to develop intuitive, responsive UIs, aligning with user needs and business goals.
- Addressed technical debt effectively, significantly boosting company productivity.
- Maintained application reliability and streamlined bug discovery to ensure smooth client operations.
- Updated and maintained the codebase with the latest libraries for optimal performance and security.
- Optimized web layouts and user flows through user tracking, boosting conversion rates by 20%.
- Mentored junior developers, promoting technical skill enhancement and a culture of continuous improvement.

*Team Size: 8*
*Tech Stack: TypeScript, ReactJS, xstyled/styled-components, Recoil, NextJS, GraphQL, Elixir*

## Front-End Engineer

**Freelance** | *09/2019 - 10/2020 (1 year 1 month)*

**Big Storage** - A shipping service that can track packages and provide updates on package location.
- Designed and developed a reusable component library for future use, resulting in a 40% reduction in development time for new projects.
- Developed an interactive layout, using Vue and Bootstrap to generate an improved user experience and ensure high-quality design and cross-browser compatibility.
- Reduced page load times by 200% by optimizing package management and removing unnecessary dependencies.

*Team Size: 3*
*Tech Stack: VueJS, Vuex, Bootstrap*

**practice.dev** - A platform where programmers solve programming challenges from domains such as front-end and/or back-end.
- Solved multiple challenges and projects to ensure they were working as intended.

*Team Size: 2*
*Tech Stack: ReactJS, VueJS, NodeJS, Firebase, TailwindCSS*

**<Confidential>** - A video chat website for desktop and mobile.
- Successfully migrated a large Vue/Parcel codebase to React/Webpack, improving performance and maintainability.
- Fixed misbehaving functions in existing codebase
- Implemented new features to client-side.
- Successfully debugged the web-related (cross-browser) issues, leading to improved efficiency and performance.

*Team Size: 5*
*Tech Stack: ReactJS, Redux, WebRTC*

## Front-End Engineer

**Dwarves Foundation** | *06/2019 - 09/2019 (3 months)*

**TelemetryTV** - A powerful digital signage platform which allows users to broadcast dynamic content easily by streaming video, images, social feeds, turnkey apps, and data-driven dashboards to all of their displays. I was involved in the development of two applications: the company website and the web-based appplication of the digital signage platform.
- Successfully migrated a large number of components and modules from an old repository to a new one with a completely different architectural design.
- Translated complex design requirements into interactive user experiences to promote customer engagement and drive web traffic.
- Implemented interactive user-facing features using Vue, ensuring a smooth and efficient user experience with maximum scalability.

*Team Size: 5*
*Tech Stack: VueJS, Vuex, Gridsome, GraphQL, TailwindCSS*

## Software Engineer Intern

**Dwarves Foundation** | *04/2019 - 06/2019 (2 months)*

**DATCOM** - As an intern, I worked in a team of 5 people, with the task of building an internal application to to help people in the company order lunch easier. All members were involved in the Back-End development. After that, I was responsible for building the application's UI.

- Leveraged agile methodology to manage tasks and maintain code quality while developing the application using React, TailwindCSS and Go.
- Initilzed the application and designed the database structure using GORM, PostgreSQL.
- Built RESTful APIs for application using Gin.
- Built admin page for menu creation and management leveraging React and TailwindCSS.

*Team Size: 5*
*Tech Stack: Golang, PostgreSQL, RESTful API, ReactJS, TailwindCSS*

# CERTIFICATIONS

Wizeline Academy
- [APAC React Bootcamp Certificate](#)

Dwarves Foundation
- [Internship - Certificate Of Completion](#)

freeCodeCamp
- [Responsive Web Design Certification](#)
- [JavaScript Algorithms and Data Structures Certification](#)
- [Front End Development Libraries Certification](#)
- [Back End Development and APIs Certification](#)

IIG Vietnam
- **TOEIC - 870**
  *12/2014 - 12/2016*