



# CHẾ HOÀI DUY - JOSH

FRONTEND/FULLSTACK ENGINEER

## DATE OF BIRTH

March 25

## GENDER

Male

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## ADDRESS

HCMC, Vietnam

## WEBSITE

https://spiderweb-soft.com/

## A LITTLE ABOUT MYSELF

As a highly experienced web developer, I have spent many years honing my skills in programming. I am an expert in a range of libraries and front-end frameworks, including ReactJS, VueJS and Angular (although the latter is not my strongest area, I can still work with it smoothly).

In addition, I have extensive experience working with NodeJS and databases such as MySQL, PostgreSQL, and MongoDB, leveraging these technologies to develop robust RestfulAPIs and GraphQL.

I use AI as an assistant to speed up my tasks, but I always ensure the quality remains at its best.

## SKILLS AND CODING

ReactJS



NodeJS



JavaScript



TypeScript



## WORK EXPERIENCES



### FREELANCER

Oct 2019 → present

#### Full-stack Freelancer

mainguyen.vn

Dates: Jan 2021 - Oct 2021

An e-commerce website specializing in tech products such as phones, TVs, and speakers. The platform was designed to offer a seamless shopping experience with features like product listings, filtering, shopping cart, and secure checkout.

#### Responsibilities:

- Served as the sole frontend developer on the team
- Took full ownership of both the admin dashboard and the customer-facing store site
- Responsible for implementing features, fixing bugs, and maintaining UI consistency across both platforms
- Ensured responsiveness, performance, and user experience for internal and external users

#### Tech stacks:

- Languages/Frameworks: Typescript, Reactjs, NextJs, SCSS, HTML

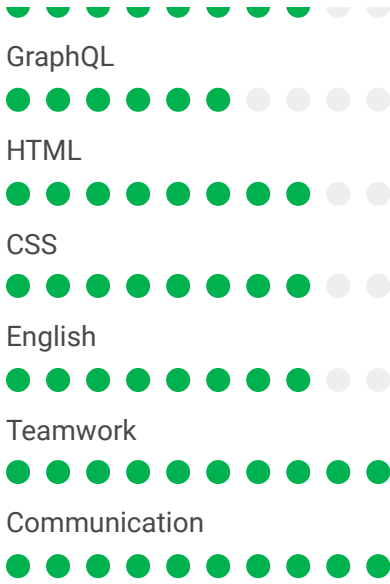
#### khaosatnguycotraonguoc.vn

Dates: Apr 2022 - Jun 2022

A web-based survey platform designed to assess the risk of gastroesophageal reflux disease (GERD). The site guides users through a structured questionnaire to evaluate their symptoms and provide a personalized risk assessment.

#### Responsibilities:

- Owned end-to-end development of the entire web application
- Built the frontend for both the main site and admin dashboard
- Developed and maintained the backend logic and API integrations



## HOBIES

- Love programming
- Playing video-game
- Reading history books

- Optimized the app for speed, performance, and scalability
- Implemented responsive design to ensure usability across all devices

### Tech stacks:

- Languages/Frameworks: Javascript, ReactJs, NodeJs, ExpressJs, SCSS
- Database: MariaDB
- Cloud: AWS

## YIELD GUILD GAMES Jul 2024 → Apr 2026

### Frontend/Full-stack Engineer

A blockchain and Web3 gaming platform that partners with multiple Web3 game companies. It allows users to complete quests and earn tokens as rewards, driving user engagement and ecosystem participation across partnered games.

### Responsibilities:

- Implemented new user interfaces to enhance the overall look, feel, and usability of the platform.
- Translated UI/UX designs into modular and reusable React components for maintainability and scalability.
- Developed APIs to support frontend features and system integration.
- Maintained and improved the platform by fixing bugs, optimizing frontend performance, and ensuring consistent user experience across devices and browsers.
- Collaborated with designers and developers to ensure smooth feature integration and delivery

### Tech stacks:

- Languages/Frameworks: Typescript, ReactJs, NextJs, NestJs, Web3
- Database: PostgreSQL, Redis, Supabase
- Cloud: GCP

## POSITIVE THINKING COMPANY BY CBTW Jun 2022 → Aug 2024

### Contractor Full-stack Engineer

#### Trade finance platform in Israel

With a strong foothold in the market, the platform specializes in offering innovative financial services to facilitate international trade transactions. It provides a comprehensive range of trade finance solutions, including letters of credit, documentary collections, and customized trade financing options to cater to the specific requirements of businesses engaged in import and export activities. Trade Finance Platform is recognized for its expertise in mitigating risks associated with global trade, empowering companies to expand their global presence and optimize their supply chains. By offering robust financial solutions, the platform plays a crucial role in supporting and enhancing trade activities in Israel.

### Responsibilities:

- Design and update APIs for microservices
- Build and enhance the platform's user interface
- Add accessibility (a11y) support for legacy systems
- Write unit and integration tests, and implement logging and monitoring mechanisms
- Maintained and improved the platform by fixing bugs, optimizing frontend performance, and monitoring system reliability.

### Tech stacks:

- Languages/Frameworks: Nodejs, Reactjs, Typescript, Java spring boot
- Database: MongoDB, PostgreSQL

- Cloud: AWS



Apr 2022 → Jul 2023

### Full-stack Engineer

#### Virtual bank by Standard Chartered in Hong Kong

Continued development of a project transitioned from NashTech

#### Responsibilities:

- Enhanced internal-use web applications and portals
- Developed and integrated new features for both mobile and web applications
- Utilized DynamoDB for implementing scalable data-driven features on the web app
- Handled large-scale data queries for reporting and analytics
- Developed and deployed new functionalities for the web application
- Designed and integrated new features to enhance web app capabilities
- Delivered feature enhancements and improvements for the web platform

#### Tech stacks:

- Languages/Frameworks: Nodejs, ReactJs, GatsbyJs, React Native, Typescript, Kotlin, Spring boot
- Database: PostgreSQL, DynamoDB
- Cloud: AWS



Jul 2019 → Mar 2022

### Senior Frontend Engineer/Full-stack Engineer

#### Fitness management

Joined the project as a frontend engineer, responsible for revamping the UI/UX. Transitioned the platform from a legacy system to a modern, responsive web application, improving both usability and performance.

#### Responsibilities:

- Served as the main frontend developer for a fitness center management web application
- Developed and enhanced UI/UX using JavaScript and TypeScript
- Collaborated closely with the team and client to gather and implement requirements
- Contributed to building a user-friendly and efficient platform for managing fitness center operations

#### Tech stacks:

- Languages/Frameworks: Javascript, Typescript, Reactjs, HTML, SCSS, .Net Core
- Database: PostgreSQL
- Cloud: Azure

#### Virtual bank by Standard Chartered in Hong Kong

Worked on a virtual banking project, focusing on the marketing domain. Our squad was responsible for developing the public-facing marketing website and a dedicated portal for creating and managing promo codes. We also handled transaction tracking and processing related to each promotional campaign or event.

#### Responsibilities:

- Designed and implemented web-based features for the digital banking platform
- Built responsive web applications using JavaScript and TypeScript

- Enhanced and maintained an internal-use web portal
- Contributed new features to the mobile banking app
- Ensured cross-platform compatibility and performance across devices
- Upgraded web app

**Tech stacks:**

- Languages/Frameworks: Nodejs, ReactJs, GatsbyJs, React Native, Typescript, Kotlin, Spring boot
- Database: PostgreSQL
- Cloud: AWS



**SUTRIX SOLUTIONS**

Nov 2018 → Jun 2019

**Front-end Developer**

**Online Study Site**

An online learning platform designed to deliver interactive and user-friendly educational experiences. The platform featured responsive design, dynamic content rendering, and intuitive user flows for lessons and exercises. Developed with a strong focus on UX, it included regular client collaboration to ensure alignment with usability goals and platform objectives.

**Responsibilities:**

- Enhanced admin management website by adding new features and improving functionality
- Focused on boosting efficiency and user-friendliness across the platform
- Collaborated closely with the development team to align on goals and implementation
- Applied Agile methodologies to ensure timely and high-quality task delivery

**Tech stacks:**

- Languages/Frameworks: Typescript, Reactjs, HTML, SCSS

**Internal Forecast**

An internally developed employee management tool that integrated with Jira APIs to retrieve and manage employee-related data, streamlining internal operations and improving workflow visibility.

**Responsibilities:**

- Led frontend development for an employee management tool built on top of the Jira API
- Utilized Vue.js to create a clean, intuitive, and responsive user interface
- Customized features to align with the company's specific operational requirements
- Delivered a tool that streamlined internal workflows and improved overall productivity

**Tech stacks:**

- Languages/Frameworks: Typescript, VueJS, HTML, SCSS

**Laava**

A web-based platform designed for creating and updating screens for a mobile application, featuring tools like a custom HTML/CSS editor and UI components to streamline mobile screen design and management.

**Responsibilities:**

- Delivered a fully functional, feature-rich web application within 2.5 months
- Built a custom color picker component and implemented user-friendly logic to enhance the UI/UX

- Collaborated with the team to refactor and clean up the codebase, improving maintainability and structure
- Contributed to delivering a high-quality HTML/CSS editor for mobile screens that exceeded client expectations and met their specific requirements

**Tech stacks:**

- Languages/Frameworks: Typescript, Reactjs, HTML, SCSS



**NHIEMVU.COM**

Mar 2018 → Oct 2018

**Front-end Developer**

A product developed by a dynamic startup, focused on enhancing website functionality. The project involved a complete codebase migration from JavaScript to TypeScript to improve maintainability, scalability, and developer experience.

**Responsibilities:**

- Utilized a modern tech stack including ReactJS, NextJS for server-side rendering, and GraphQL for efficient database operations
- Developed a dedicated admin management site using ReactJS, NextJS, and GraphQL
- Delivered a high-quality, user-friendly solution tailored to meet internal team and client requirements
- Applied expertise in frontend technologies to ensure performance, scalability, and maintainability of the platform

**Tech stacks:**

- Languages/Frameworks: Typescript, Nodejs, Reactjs, NextJs, HTML, SCSS, GraphQL
- Database: MySQL



**MYSQUAR**

Mar 2017 → Feb 2018

**Intern Mobile Developer/Front-end Developer**

I had the opportunity to learn and apply a range of new skills. In particular, I developed my proficiency in JavaScript, including NodeJS and ReactJS, as well as HTML and CSS, with the goal of becoming a skilled front-end developer. Working on this project, I collaborated closely with a talented team of designers and mobile lead developers to create an engaging and effective landing page. Over the course of three months, from September 12th to November 10th, 2017, I leveraged their guidance and support to complete the project successfully.

In my most recent project, I had the opportunity to collaborate closely with Java developers to create a website for managing products in fast-food stores. As one of the main developers, I took responsibility for developing the front-end of the website using ReactJS and Redux state management. Leveraging my experience and expertise, I helped to ensure that the website was functional, user-friendly, and efficient, meeting the needs of both customers and store managers.

**Tech stacks: Nodejs, Reactjs, HTML, SCSS, Java Spring boot, PostgreSQL, Java Android**

**EDUCATION**

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## APPLICATION

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### **react-pannellum**

A library show panorama image for react. You can create a tour panorama for your own.

<https://github.com/hoaiduyit/react-pannellum>

My npm: <https://www.npmjs.com/~hoaiduy.it>

My Github: <https://github.com/hoaiduyit>