VU QUANG NGUYEN
WEB DEVELOPER

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INTRODUCTION

Over the next 2.5 years, my goal is to become a Senior Web Developer. I have confidence that my knowledge is sufficient to meet all the requirements. I use English daily and can communicate effectively with clients in English. I consistently update my skills and stay informed about new technologies and design patterns to enhance my knowledge and abilities. I firmly believe that my contributions will help improve product quality and foster a professional and progressive work environment.

My ambition is to specialize in JavaScript, taking on challenging assignments to improve performance, bring added value to the company, and further my own development. I thrive in dynamic company environments and prefer to avoid passive and stagnant work settings. I anticipate opportunities to engage in numerous collaborative projects with international teams in the future.

During my leisure time, I enjoy writing technology blogs to share programming insights, explore music, and my lifestyle.

EXPERIENCE

NODEMY VIETNAM   **Mentor - Web Developer**   1/2022 - 7/2023

- Organize multiple seminars to share knowledge about various technologies, including NextJS, Redux Toolkit/Redux-saga, React-Query, Strapi, and ExpressJS.
- Propose, develop, and edit documentation, as well as provide practical exercises in HTML/CSS/JavaScript/ReactJS for students.
- Capable of managing multiple projects simultaneously.
- Assist and train new students who join projects, ensuring their smooth integration into the team.
- Responsible for developing and maintaining both front-end and back-end functionalities of websites.
- Actively participate in supporting discussions with students, providing guidance and clarification.
- Create tools to crawl data from large websites.

SKILLS

Programming Language
- HTML5/ CSS3
- Javascript/Typescript
- Solidity
- C, C++

Framework/Library
- NextJS, ReactJS, ExpressJS, Strapi, Firebase
- Redux, Zustand, Redux Saga, Redux-thunk, React-query, OAuth, Swagger, WebSocket
- Web3, EtherJS, Wagmi

CSS Framework
Styled Components, SCSS, Bootstrap, Tailwind CSS, Ant Design, MUI

Version Control Systems
Git, Visual Studio Code, Postman, Figma

Testing
Jest, React Testing, Vitest

Crawl Data
Cheerio, Puppetter

Database
MongoDb, MySQL

Dev Tools

Git, Postman, Lighthouse, React Developer Tool, Redux Dev Tool, React Query Dev Tool, Github, Gitlab, Figma, VS Code

DevOps

- Docker, AWS, Nginx

Others

- Think algorithmically and solve programming problems efficiently
- Concepts of abstraction, algorithms, data structures, encapsulation, resource management, security, software engineering, and web development

PROJECTS

PORTFOLIO   All time

Link: https://quangnvdev.vercel.app/

Description: A personal portfolio website designed to showcase individual achievements and skills.

TMS Course Management Project   2023

Description: The TMS (Training Management System) project is an actual project commissioned by a European client. It is a sophisticated system designed to handle various aspects of course management, including course creation, teaching requests, assessments, and instructor selection, as well as proposing the price of the courses. This project holds great significance in fostering an enabling environment where course creators and trainers can connect and engage with each other.

The project establishes a vibrant learning community where learners, course managers, and trainers can interact and collaborate in developing high-quality courses that cater to the specific learning and training needs of the participants. Through this initiative, all stakeholders will have the opportunity to access new knowledge, fostering personal and professional growth.

Role:

- Develope web projects tailored to the specific needs and requirements of customers and companies in an international work environment.
- Engage closely with foreign clients to gain a deep understanding of their expectations and deliver solutions that meet their unique needs.
- My expertise lies in creating visually appealing and user-friendly user interfaces using cutting-edge web technologies like HTML, CSS, and JavaScript
- Manage application-related databases, particularly utilizing MongoDB. This ensures efficient data management and retrieval for optimal performance.
- Staying up-to-date with the latest technology trends.
- Constantly monitor and implement new tools and techniques to improve the development process and enhance the overall user experience.
- Work with Azure DevOps, a comprehensive development platform, enabling seamless collaboration and efficient project management.

By combining these skills and experiences, I strive to deliver high-quality web projects that meet the expectations of clients and contribute to their success in the digital landscape.

Technologies:

- Frontend: ReactJS, Axios, REST API, Typescript, React Hook Form, Yup, React Query, Vite, Vitest, Storybook.
- Backend: ExpressJS, Mongoose, Nodemailer.
- Other: Azure Devops, PM2

E-COMMERCE WEBSITE

Link: https://ecommerce-one-pied.vercel.app/
Source Code: https://github.com/quangnv0212/Ecommerce
Description: This platform serves as an online marketplace connecting buyers and sellers, enabling smooth transactions for buying and selling various goods. With its user-friendly interface, the website offers a seamless experience for users to browse through products, place orders, and make secure online payments.
Features:

- Authentication: Implementing user registration and login functionality with automatic refresh token.
- Segregating routes into private and public routes.
- Validating forms using Yup and React Hook Form.
- Handling client errors using Error Boundary.
- Synchronizing pagination, filtering, and searching of products with the URL for seamless result sharing across devices.
- Managing asynchronous state with React Query and synchronous state with React Context.
- Implementing Code Splitting for optimized performance.
- Optimizing file sizes to enhance performance.
- Implementing SEO practices with React Helmet.
- Conducting Unit Testing to ensure accurate functionality as per the logic.
- Managing components effectively with Storybook for streamlined maintenance and future development.

Technologies:

- Frontend: ReactJS, Axios, REST API, Typescript, React Hook Form, Yup, React Query, Vite, Vitest, Storybook.

SOCIAL NETWORK

Link deploy: http://103.79.142.191:3000/
Source Code: https://github.com/quangnv0212/facebook-clone-project
Description: This is an online social network platform that offers users a wide range of features to connect, share, and engage with one another.
Features:

- Authentication: The platform includes registration, login, and password recovery functionalities.
- Users can post statuses, comment on posts, and express their emotions with options like Like, Love, Angry, Haha, and Wow.
- Provides a dating feature for users to explore.
- Users have the ability to customize their avatar and cover photo displayed on their profile page.
- Real-time chat functionality is integrated using Socket.io.
- Users can follow and be friend other users, fostering connections within the community.
- The platform also offers different display options, including Dark mode and Light mode, to cater to individual preferences.

Techonologies:

- Frontend: ReactJS, Axios, Redux, Formik
- Backend: NodeJS, ExpressJS, Mongoose.
- Database: MongoDB.

(with many projects showcased in my portfolio)

EDUCATION

Hà Tĩnh High School for the Gifted	**Specialized Class in Mathematics**	08/2016 – 06/2019
FPT SOFTWARE ACADEMY	**Professional React Developer**	3/2022 – 9/2022
Foreign Trade University	**Business Administration**	8/2019 – 2023

Posts and Telecommunications Institute of Technology   **Information Technology**   2023 – present

CERTIFICATES

APTIS (English)   (2020)

APTIS – C

EXTRACURRICULAR ACTIVITIES

FTU Forum

Deputy Head of Communication and Media Department   9/2019 – 10/2021

- Develop online and offline media campaigns on various platforms, including Facebook (with 113,000 followers), YouTube, and promotional booths, to promote club events. Create captivating and interactive posts that generate a high level of engagement, with each post receiving over 1000 interactions.