

HO TUAN PHAT

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I am a recent graduate student with a passion for programming and interface development, eagerly awaiting the opportunity to kickstart my career in the IT industry. With a solid foundation in HTML, CSS, JavaScript, and popular frameworks like ReactJS and NextJs, etc. I am confident in my ability to contribute to the development of noteworthy web applications. My experience working on team projects has honed my communication skills and ability to thrive in multicultural environments. I am committed to continuous learning and self-improvement, striving to become an outstanding frontend developer.

Short-Term Career Goals: Applying acquired skills from personal learning to the company's product development projects, while also engaging in exposure to and learning additional skills to serve the job better.

Long-Term Career Goals: To become a senior frontend developer within 4 to 5 years, while also transitioning into a full-stack developer.

EDUCATION

Security Engineer

Academy Of Cryptography Techniques

Sep 2019 - Aug 2024

GPA: 3.0

WORK EXPERIENCE

Web Developer

Jun 2022 - Present

Freelancer

TP. HỒ Chí Minh

- Undertake the development of graduation project websites according to client requirements.
- Convert interface designs from Figma to websites.
- Implement additional features into the website as per client requests, such as payment via platforms like MoMo, Paypal, etc. Sending confirmation emails to customers. ChatBox integration, etc.
- Generate website design ideas and provide advice on suitable interface templates for clients. Subsequently, proceed to draft website templates using Figma for client review.

CTV - Frontend Developer

Jun 2022 - Oct 2022

HPT Vietnam Corporation

TP. HỒ Chí Minh

- Designing and developing user interface components for the dashboard of the monitoring and alerting system for incidents.
- Responsiveness enhancement for the company's monitoring and incident alerting application system. Improving and optimizing the interface to be suitable for simultaneously monitoring multiple services for clients. Additionally, elaborating on graphing to statistically analyze data on detected alerts sent from the server.

SKILLS

Hard skills: JavaScript, ReactJs, NextJs, NodeJs, MongoDB, FireBase, TypeScript, HTML, CSS, Material UI, Tailwind, Framer Motion, Git, Figma, Adobe XD, CI/CD

Soft skills: Collaboration skills, Self-motivation, Creativity, Problem-solving skills, Multicultural skills, Learning skills

PROJECTS

BlockchainDoc

Oct 2023 - Nov 2024

- Brief:** Building a blockchain-powered web application capable of storing and authenticating documents such as PDFs, Word files, images, etc. The application features include: registration and login for Exporter accounts through their blockchain wallet address. Uploading and verifying documents. Deleting documents.
- Techs:** Blockchain, Smart Contracts, IPFS, metamask, HTML, CSS, JavaScript.
- Main Tasks:**
 - Smart Contract Development:** Create smart contracts for user registration and authentication. Develop contracts for managing super data files, controlling access, and storing pointers. Define methods for uploading, updating, and deleting files. Implement access control mechanisms to ensure that only authorized users can interact with the files.
 - Frontend Development:** Develop a user-friendly user interface using web technologies (HTML, CSS, JavaScript). Integrate Metamask for user authentication and transaction signing. Create forms and interfaces for uploading, managing, and sharing files.
 - Backend Development:** Develop an auxiliary the Ethereum server to interact with Ethereum blockchain and IPFS. Handle user requests, interact with smart contracts, and manage file uploads and retrievals through IPFS.
 - IPFS Integration:** Store file content on IPFS and record the IPFS hash result in the smart contract for reference.
 - Testing:** Thoroughly test the system to ensure safety and expected functionality. Perform unit testing for smart contracts. Test the user interface for usability and compatibility with Metamask.
 - Deployment:** Deploy smart contracts to the Ethereum mainnet or test network. Store the user interface and supporting components on the server.

Food Ordering

Dec 2023 - Jan 2024

- Brief:** Building a food ordering website, including components and features: a homepage, authentication, profile editing page, admin panel (categories, menu items, users), listing products, menu items, and cart page.
- Techs:** NextJs 14, MongoDB, Firebase, S3Client, Tailwind.
- Main Tasks:**

- Develop concepts, then search for image, content, icon, and logo resources for the website.
- Sketch the website interface on Figma.
- Program the main and sub-interface pages of the website, then plan to optimize the code by dividing it into components for easier access, editing, and updating later.
- Connect with MongoDB and build a database for storing user accounts, detailed product information, etc.
- Use NextAuth for authentication on the website.
- Connect and configure Firebase storage to store user profile images and product images.
- Responsive website to display well on various device sizes, such as tablets, phones, etc.

Ecommerce shop

Mar 2023 - May 2023

- **Brief:** Build a specific e-commerce website specializing in the trade of Apple technology products, including components and features such as:
 - **Admin:** authentication, products management, categories management, security.
 - **Client:** featured products, latest products, add-to-card, stripe checkout, show orders, all products page, single product page.
- **Techs:** NextJs 14, MongoDB, Tailwind, Firebase.
- **Main Tasks:**
 - Develop concepts, then search for image, content, icon, and logo resources for the website.
 - Conceptualize and design interfaces for 2 roles: admin and client.
 - Program the main and sub-interface pages of the website, then plan to optimize the code by dividing it into components for easier access, editing, and updating later.
 - Connect with MongoDB and build a database for storing user accounts, detailed product information, etc.
 - Use NextAuth for authentication on the website.
 - Connect and configure Firebase storage to store user profile images and product images.
 - Utilizing Postman for developing and testing APIs.
 - Carrying out filtering and processing of product data that customers have selected through JavaScript methods such as find, filter, etc., in conjunction with algorithms.
 - Utilizing the Stripe API to accepts form-encoded request bodies, returns JSON-encoded responses, and uses standard HTTP response codes, authentication.
 - Responsive website to display well on various device sizes, such as tablets, phones, etc.

ORGANIZATIONAL & VOLUNTEER EXPERIENCE

Designer, Editor

Aug 2021 - Present

Club CTF

TP. Hồ Chí Minh

- Participating in organizing CTF support programs. Taking photos, recording videos, and editing them for posting on the club's fan page.
- Designing recruitment posters for club members.
- The club's 'Creative Programming' competitions have provided me with direction in the field I aspire to work in the future.

LANGUAGES

English (Professional working proficiency)