NGUYEN QUOC AN - Software Engineer

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SUMMARY

A self-motivated, adaptable, and positive-thinking software engineer with a strong passion for building user interfaces. While working, I am the kind of person that has a lot of responsibilities. I am proactive and enjoy being with individuals who are optimistic and stimulating. In addition, I am capable of adapting to new situations and dealing with them well.

LANGUAGUES AND TECHNOLOGIES

Programming languages	Javascript/TypeScript.
Frontend Technologies	Next.js, React, React Query, RTK Query, Redux, Styled Components, TailwindCss, Sass, jQuery, Axios, Restful API , MUI, Ant Design
Backend Technologies	Node.js, Express.js
Database Management Systems	SQL Server, MongoDB
Dev Tools and Operating System	Git, Gitlab, Github, Figma, VS Code, Window.

WORK EXPERIENCES

HD AGENCY *(Software Engineer)*   *Vietnam, May. 2023 - Aug. 2023*

HD Agency (Design websites and introduce website models in various fields of life to customers)
- Team size: 3
- Technologies: ReactJS, Redux Toolkit, TanStack Query, TailwindCSS, React hooks, Node.js, Express.js, MongoDB
- Responsibilities:
  - Managed and optimized customer review features, ensuring quick responses to feedback and resolving concerns to improve user satisfaction.
  - Designed and implemented filtering, searching, and sorting features for website categories, allowing users to easily navigate and find products based on preferences like price.
  - Integrated back-end services using Node.js and Express.js, enabling smooth data communication between front-end components and back-end systems.
  - Utilized MongoDB to handle and organize customer data, ensuring efficient queries and secure data storage.
  - Collaborated with the back-end team to enhance the overall performance of websites, optimizing load times and server-side logic for a better user experience.

MONA.MEDIA *(Software Engineer)*   *Vietnam, Dec. 2023 - Aug. 2024*

PMS (Developing an internal employee management software system includes creating a centralized platform to handle employee records, and customer appointment schedules.)
- Team size: 3
- Technologies: MUI, Next.js 13, MongoDB, NodeJS, Express.js, TanStack Query and FullCalendar-JS
- Responsibilities:
  - Developed and integrated FullCalendar-JS for scheduling appointments between employees and customers, while building back-end APIs using Node.js and Express.js to store and retrieve scheduling data from MongoDB, ensuring accuracy and preventing conflicts in appointments.
  - Created and managed employee leave and overtime forms on the front-end, utilizing MUI for an intuitive user experience, and implemented secure back-end workflows to process and store this data in MongoDB while complying with organizational policies and payroll requirements.
  - Streamlined refund cost tracking by developing responsive front-end components for refund requests, while integrating back-end logic to handle data validation, processing, and secure storage in the database, ensuring adherence to financial protocols.

- Enhanced the overall scheduling system by optimizing both front-end workflows for a seamless user experience and back-end processes for improved database efficiency, reducing load times and improving operational performance across the platform.

Hosting Ecommerce (A complete platform for purchasing domains and hosting services, providing a range of ecommerce capabilities and sophisticated features for domain management, hosting plans, and customer support.)

- Team size: 6
- Technologies: MUI, Next.js 14, MongoDB, Express.js, TanStack Query
- Responsibilities:
  - Assessed front-end technologies, made design choices, and led the transition of legacy front-end projects to more modern and widely-used technologies.
  - Collected and analyzed stakeholder requirements to align the platform with business goals.
  - Leveraged TypeScript to improve code quality and maintainability.
  - Managed Cart and Checkout Process: ensured precise item addition, removal, and updates in the cart, maintained pricing and quantity accuracy, developed a smooth and secure checkout experience, integrated payment gateways for secure transactions, and managed billing and shipping information.
- Link:
  - ***Mona.Host***

Mona.Media (Develop an online teaching training system to improve mathematical abilities through interactive exercises and personalized learning experiences.)

- Team size: 2
- Technologies: HTML, CSS, JS, PHP, MySql and WordPress
- Responsibilities:
  - Developing SEO-optimized landing pages for clients to drive traffic and maximize conversions, adhering to industry standards for optimal online visibility.
  - Ensuring consistent communication with clients to tailor websites precisely to their needs, resulting in the most suitable and effective online presence.
  - Contributing to the continuous improvement of development processes and methodologies, implementing efficiency measures and best practices to streamline workflows and optimize project delivery timelines.
- Link:
  - ***TOAN.VN***
  - ***Mc IELTS***

CHECKMATE.AI.VN *(Front-end Engineer)*   *Vietnam, Sep. 2024 - Jan. 2025*

Developing a system to provide Japan - Vietnam freight forwarding services and customer support services

- Team size: 4
- Technologies: Ant Design, Next.js 14, TanStack Query and Redux Toolkit
- Responsibilities:
  - Task management interface: Design and develop a comprehensive user interface that allows customer service representatives to efficiently manage tasks related to resolving customer issues. This includes creating an intuitive dashboard where employees can view, assign, track, and update customer inquiries, ensuring a seamless resolution process.
  - Sales statistics display: Develop dynamic and interactive tables, graphs, and visual charts that present sales data in a structured and easy-to-understand manner. These displays should include key performance indicators (KPIs), revenue trends, and comparative analyses, enabling business stakeholders to make data-driven decisions and track the overall financial performance effectively.
  - Enhancing user experience: Improve the overall usability and design of the interface to provide a seamless and user-friendly experience for both customers and employees.

- Optimizing interface performance: Enhance the speed, responsiveness, and efficiency of web pages related to logistics and customer management. This includes optimizing loading times, reducing unnecessary data processing, implementing caching mechanisms, and ensuring smooth functionality across different devices and browsers.

FREELANCE

iori - Multipurpose Startup & SaaS
- Technologies: jQuery, Tailwind CSS, Pug
- Link: *iori - Multipurpose Startup & SaaS*

PROJECTS

Tiktok Clone

Creating Full Stack TikTok Clone from scratch using the latest and most powerful web development technologies.
- Technologies: Next JS 13, React, Typescript, Tailwind CSS, Zustand, AppWrite, Vercel
- Functions include:
  - Utilized Zustand to manage user sessions, authentication tokens
  - Allows uploading a post with video and caption
  - Search accounts according to user requests
  - Comment and like posts. Delete post if necessary

Link: *Tiktok Clone*

Event Management *(Mobile App)*

EventMaster: Elevating Event Experiences Through Innovative React Native Technology
- Technologies: React, Redux Toolkit, Java, MySql, Cloudinary, Docker, EC2
- Functions include:
  - The application boasts features enabling users to effortlessly log in and register via Gmail authentication, ensuring seamless access and heightened security through OTP verification. Additionally, users can conveniently update their profile information within the app.
  - Users can access event details, locate the event venue, and utilize search and filter functionalities for seamless event discovery and navigation
  - Users can discover nearby events effortlessly, enriching their event browsing experience within the app's interface.
  - Users can seamlessly engage with events by viewing details, saving favorites, and participating, while event statistics derive from participant responses, enhancing insight and engagement.

Link: *Event App*

EDUCATION

Ton Duc Thang University   *Ho Chi Minh city, Vietnam*   *Oct. 2020 - Oct. 2024*
Bachelor's degree, Computer Science