



Chu Nguyen Chuong

Front-end developer

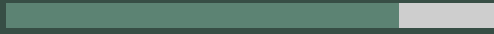
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Professional Summary

Senior Frontend Developer with 5 years of experience specializing in **React**, **Next.js**, and **Micro-frontend architecture**. Proven track record in leading teams of 15-20 and delivering high-performance web applications. Expertise in **Module Federation**, **Keycloak integration**, and optimizing CI/CD pipelines.

Skills

Languages/Frameworks: React, Next.js, TypeScript, Node.js.



Architecture/Tools: Micro-frontends (Module Federation), NX



Cross-Platform Development



Web Performance & SEO



Performance Optimization



Interests & Activities

Work Experience

Lead Frontend Developer Aug 2023 - Current

Vissoft

- **Key Projects:** CICD, VN-HID, BCSS, LIMS, HIS
- **Tech Stack:** React, Next.js, TypeScript, Module Federation (MFE), Tailwind CSS, React Query, NestJS, Keycloak, NX.

Responsibilities & Achievements:

- **Architectural Leadership (Micro-Frontends):**
 - Designed and implemented a scalable **Micro-frontend (MFE) architecture** using **Module Federation**, enabling independent deployment cycles for 5+ sub-apps and improving team autonomy.
 - Integrated **Keycloak** for centralized Authentication & Authorization across the MFE ecosystem, ensuring high security and seamless SSO (Single Sign-On) experience.
- **Performance Engineering & Optimization:**
 - Optimized web performance to achieve **Lighthouse scores of 90+** by implementing advanced code-splitting, lazy loading, and leveraging **Vite** for faster development cycles.
 - Standardized the UI layer using **Tailwind CSS** and **Ant Design**, creating a reusable component library that reduced UI development time by 30%.
- **Technical Decision-Making & Strategy:**
 - Led the transition from CRA to **Next.js**, improving **SEO** rankings and server-side rendering (SSR) capabilities for public-facing modules.
- **Team Leadership & People Management:**
 - Managed and mentored a frontend team of **15-20 members**, conducting code reviews and technical workshops to maintain high engineering standards.
 - Spearheaded the **technical recruitment process** for the Frontend department, defining job descriptions and evaluating candidates to build a high-performing team.
 - Collaborated directly with stakeholders and clients to manage project timelines (Sprints), estimate workloads, and ensure on-time delivery of complex features.

Frontend Developer Apr 2022 - Aug 2023

CMC

Key Projects: Human Resource Management System (HRMS v1 & v2), Booking Room (SAT), TrueMoveH (Ascend), Samudera, Singtel.

Tech Stack: Reactjs, Vuejs, Nodejs (Express), MongoDB, Bitbucket, Swagger, Figma.

Team size: 15 - 20 members.

Responsibilities & Achievements:

- **Full-stack Capability & Performance:**
 - Developed and maintained high-traffic web applications, including **HRMS** and telecom retail platforms like **TrueMoveH** and **Singtel**, ensuring seamless user experiences for thousands of daily users.
 - Leveraged **Reactjs** and **Vuejs** to build modern, responsive, and pixel-perfect UIs based on complex Figma prototypes.
 - Integrated efficient RESTful APIs using **Nodejs (Express)** and **MongoDB**, optimizing data retrieval and system performance for booking and management modules.
- **System Optimization & Quality Assurance:**

- TFT
- Badminton
- AI Research

- Proactively identified and resolved critical bugs and product defects, collaborating closely with the QA/Tester team to maintain a high-quality production environment.
- Conducted code refactoring and performance tuning for existing features to enhance scalability and reduce page load times.
- **Cross-functional Collaboration:**
 - Acted as a key technical contact in discussions with **Business Analysts (BA)** and **System Analysts (SA)** to refine Business Requirement Documents (BRD) and System Requirements Specifications (SRS).
 - Partnered with backend teams to design and implement robust API contracts, ensuring smooth integration and data consistency across microservices.
- **Strategic Problem Solving:**
 - Played a vital role in a large-scale team (15-20 members), demonstrating strong ownership and the ability to work effectively in a fast-paced, high-pressure outsourcing environment.

Frontend Developer Apr 2021 - Apr 2022

TINH VÂN SOFTWARE

Key Projects: Valuestreamer (Structured Problem-Solving System).
Tech Stack: React, Redux Toolkit, TypeScript, Ant Design, Styled Components, react-hook-form, zod, Jest, Agile/Scrum.

Responsibilities & Achievements:

- **Core Feature Development:**
 - Developed complex data visualization modules and interactive dashboards for the **Valuestreamer** platform, helping enterprise clients visualize and solve structured problems efficiently.
 - Built and maintained reusable UI component libraries based on **Ant Design**, ensuring design consistency and reducing development time across different modules.
- **Performance & Quality Assurance:**
 - Refactored legacy code to **TypeScript**, enhancing code maintainability and reducing runtime errors by 25%.
 - Implemented efficient state management using **Redux Toolkit**, optimizing data flow for large-scale applications with complex user interactions.
 - Achieved high test coverage by writing unit tests with **Jest**, ensuring the stability of critical business logic.
- **Product Thinking & Collaboration:**
 - Collaborated closely with Product Owners and UI/UX Designers to translate business requirements into high-quality technical specifications.
 - Proactively identified and resolved performance bottlenecks in the frontend, improving page load times and overall user experience.
- **Process Improvement:**
 - Played an active role in **Agile/Scrum** ceremonies, contributing to sprint planning, effort estimation, and continuous process improvement within a team of 5-7 members.

Frontend Developer Oct 2020 - Apr 2021

BUNBUSOFT

Project: Techmate (A smart booking and scheduling management system).
Tech Stack: Reactjs, RESTful API, Git, Postman, Figma.
Team size: 5 - 7 members.

Responsibilities & Achievements:

• UI/UX Implementation:

- Developed and optimized responsive web interfaces from Figma designs, ensuring a seamless and intuitive user experience across different devices.
- Applied modern CSS-in-JS or SCSS techniques to build a consistent design system for the project.

• Feature Engineering:

- Built core modules for **room availability, booking, and scheduling logic**, focusing on handling complex real-time data states in React.
- Implemented secure **Authentication & Authorization** flows (JWT/OAuth2) to manage user access levels effectively.

• Backend Integration & Optimization:

- Collaborated with backend engineers to define API contracts and integrated RESTful services using Axios/Fetch for efficient data communication.
- Contributed to optimizing data retrieval logic, ensuring fast and smooth performance when handling large sets of booking records.

• Agile Collaboration:

- Utilized **JIRA** for task management and participated in daily stand-ups to ensure project milestones were met on time.
- Used **Git** for version control, maintaining a clean codebase through consistent pull request practices.



Certifications

2021 Meta Front-End Developer Professional Certificate



Education

International information technology

Aug 2018 - Nov 2021

Cao đẳng quốc tế BTEC FPT

Outstanding Academic Achievement: Awarded "Excellent Student" for 4 consecutive semesters.

Core Competencies: Demonstrated excellence in key technical modules including Web Development, Database Design & Development, Networking, and Technical English.

Solid Foundation: Successfully completed the Pearson BTEC Level 5 Higher National Diploma in Computing, gaining a strong international-standard background in Information Technology.



Awards

2025 Nhân viên cống hiến (Dedicated Employee Award)

2024 Nhân viên triển vọng (High Potential Award)



References

Mr.Ninh (PM CMC): 0868798838

Mr.Dũng (D Trưởng VISSOFT): 0984662186

Mr.Hào (PM VISSOFT): 0387708038