Nguyễn Hữu Cường

Front-End Developer

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SUMMARY

Front-End Developer with over 6 years of experience specializing in **React.js/Angular** and **TypeScript**. Passionate about building scalable, user-centric web applications with a strong focus on **code architecture** and **maintainability** through the effective application of **Design Patterns** and **SOLID principles**. Proven **leadership** in guiding teams to deliver high-performance solutions for e-commerce and public service platforms.

SKILLS

Front-End	React.js, TypeScript, Angular, Redux, Next.js, SCSS, HTML5, CSS3
Back-End	Node.js, Express, MongoDB
Tools & Platforms	Git, GitHub, WebSocket, Shopify API
Other	Agile/Scrum, Team Leadership, Performance Optimization, CI/CD (Gitlab CI and Github action)

EDUCATION

2015 - 2020	**Academy of Cryptography Techniques** Major: Information security

WORK EXPERIENCE

April 2024 - Present	**FINT Vietnam** **Front-End Leader**

Main Responsibilities:

- JavaScript (ReactJS) Developer responsible for building and maintaining responsive and dynamic web applications.
- Guide the front-end team in building scalable, high-performance, and maintainable web applications using modern frameworks like React or Angular.
- Set up a code base and coding convention
- Writing docs and ensuring code quality

Achievements and Skills Gained:

- Team Leadership & Communication: Took on a leadership role within a small frontend team, providing guidance and mentorship to junior developers. Conducted regular code reviews, shared best practices, and ensured team alignment with project goals.
- Task Estimation & Management: Accurately estimated development efforts and broke down complex features into manageable tasks. Assigned responsibilities based on team members' strengths and ensured on-time delivery.
- High Adaptability in Cross-Project Collaboration: Quickly adapted to new codebases and project scopes, often jumping into ongoing projects to resolve urgent issues and fix bugs. Became a go-to team member for urgent support due to flexibility and problem-solving skills.

August 2021 -	**Luklak**

March 2024	**Front-End Developer** **Main Responsibilities:**

Front-End Developer
Main Responsibilities:
- JavaScript (ReactJS) Developer focused on delivering scalable, maintainable, and high-performance front-end features.
- Optimized frontend performance.
- Built and maintained reusable component libraries.

Achievements and Skills Gained:
- Advanced React & Redux-Saga Knowledge: Gained deep expertise in React and Redux-Saga, including asynchronous flow management, middleware handling, and state management for complex user interactions.
- Code Reusability & Customization: Developed a library of reusable components to accelerate development and maintain consistency across projects. Customized components to align with unique business requirements while ensuring performance and maintainability.
- Version Control & Collaboration via GitHub: Improved Git and GitHub workflow proficiency.

August 2020 - June 2021

CMC Global
Front-End Developer
Main Responsibilities:
- Frontend Developer using JavaScript (ReactJS, TypeScript) to build interactive and responsive web interfaces.
- Backend Developer (support role) assisting in developing and maintaining APIs using Node.js.
- Worked with international clients to clarify requirements and align solutions with business goals.

Achievements and Skills Gained:
- Full-Stack Development Experience: Strengthened both front-end and back-end development skills by working across the stack, including building UI components in React/TypeScript and supporting server-side logic and APIs with Node.js and Express.
- Team Collaboration & Agile Practices: Developed strong teamwork skills by working closely with cross-functional teams (designers, developers, QA) in an Agile environment. Participated in sprint planning, daily standups, and retrospective meetings to continuously improve team performance.

Sep 2018 - August 2020

Beau
Front-End Developer
Main Responsibilities:
- Supported the development of a web application for the Shopify platform, contributing to features that enhance e-commerce functionality.
- Provided regular updates on task progress to the team leader.
- Participated in code review sessions to learn coding standards and improve technical understanding.

Achievements and Skills Gained:
- Improved React & Node.js Skills: Gained hands-on experience with React and Node.js by working on real-world e-commerce application features in a collaborative development environment.
- Enhanced HTML/CSS Abilities: Strengthened understanding of semantic HTML and responsive CSS while building user-facing components compatible with Shopify standards.
- Introduction to Backend Development: Developed foundational knowledge of backend workflows, including working with APIs and understanding how frontend and backend components interact.
- Professional Communication: Built confidence in communicating with team members and international clients, learning how to ask questions effectively and contribute to discussions.
- Team Collaboration: Learned how to work within a development team, follow version control workflows using Git, and participate in Agile processes like stand-ups and sprint reviews.

PROJECTS

10/2024 - Present

Geological survey diary
Team Leader
Customer: Radioactive and Rare Minerals Division

Demo:
- https://ksdc-admin.fint.vn
- https://ksdc-user.fint.vn

Description:

Developed a web application to support geological survey activities, improving the efficiency and accuracy of field data collection and management.
- Mapped and visualized routes by recording geographic coordinates (latitude and longitude) on Google Maps and connecting them into interactive paths.
- Documented survey activities by allowing users to log detailed methods and observations for specific road segments, along with role-based permissions for data access and editing.
- Enabled project-based data management by supporting route data input organized by individual projects or research proposals, streamlining team collaboration and reporting.

Team size: 4

Responsibilities:
- Distribute tasks for the web user section to interns, ensuring efficient task management and timely completion.
- Provide support in proposing solutions to technical challenges.
- Collaborate with the Project Manager (PM) and Business Analyst (BA) to propose technical solutions and estimate timelines.
- Optimize code and review pull requests on Git to ensure code quality.
- Customize a chart, using native SVG HTML for visualizing the data.
- Custom decorator: **@Stoppable** for automatic unsubscribe and **@HttpRequest** for handling URL
- Set up basic CI/CD for testing and deployment.
- Collaborated with the React Native team to deliver urgent features on time when the team faced resource shortages, demonstrating flexibility and strong cross-platform development support.

Technologies Used:
- Angular (v19)
- Rxjs
- NG-ZORRO Ant Design
- TypeScript

04/2024 - Present

Form Builder

Team Leader

Customer: Office of the Government

Demo:
- http://formbuilder.nhcuong.cloud

Description:

Form Builder – Custom Tool for https://dichvucong.monre.gov.vn
Redesign Project as part of the website remake for the Ministry of Natural Resources and Environment's public service portal, the Form Builder was developed in-house to solve the problem of managing and reusing a large number of complex forms.
- Developed a modular form builder to simplify the creation and maintenance of dynamic forms across the portal.
- Input and output in validated JSON format, ensuring data consistency and smooth backend integration
- No-code/low-code interface with drag-and-drop functionality, empowering non-technical users to build forms easily.
- Supports both static and asynchronous data sources, including live data fetched from RESTful APIs.
- Highly customizable components, with editable labels, placeholders, and regex-based validations, and responsive layouts (column configuration like Bootstrap), regex...etc. Style customization of border, padding, margin, etc.
- Visual styling controls, including border, padding, margin, and more.
- Custom logic support, allowing insertion of scripts to dynamically show/hide fields, change labels, or modify behavior based on real-time form data.

Team size: 4

Responsibilities:

- Planned, estimated, and managed tasks across sprints to ensure smooth development progress and timely delivery.
- Collaborated with Business Analysts (BAs) to define clear, actionable tasks and refine user stories based on project requirements.
- Customized Ant Design components to match complex UI/UX requirements, ensuring a consistent and responsive interface.
- Established a scalable front-end codebase, including setting up ESLint rules, folder structure, and reusable patterns to improve maintainability and team productivity.
- Supported and mentored team members, providing technical guidance, conducting code reviews, and proposing practical solutions to development challenges.
- Led client meetings to present completed work, gather feedback, and align deliverables with customer expectations.

Technologies Used:
- React JS (Using Vite for module bundler)
- Redux toolkit
- RTK query
- SCSS
- Antd design (Customize)
- React DND
- TypeScript
- Apex chart

08/2021 - 03/2024

Luklak (product company)

Front end developer

Customer: Viet Nam

Demo:
- https://luklak.com/vi

Description:

LUKLAK Nocode brings the flexible creativity of **Lego** and the **Kaizen** spirit, empowering continuous improvement. Businesses regain the autonomy to independently develop their own software operating system, ensuring smooth operations across all functional units according to their specific needs.

- Dashboard with Virtualized Gadgets: Monitor project status using customizable widgets such as charts, issue lists, and progress indicators—offering real-time visibility into workflows.
- Advanced Task Filtering: Quickly locate and organize tasks using robust filter options, improving productivity and focus.
- Permission Scheme & Notifications: Role-based access control allows admins or project owners to manage who can create, edit, or delete tasks, as well as who receives system or in-app notifications.
- No-Code/Low-Code Automation: Automate repetitive workflows without writing code, empowering users to build triggers, actions, and rules that streamline task execution.
- Structured Chat System: Built-in chat is context-aware and linked directly to tasks, enabling focused discussions and eliminating scattered communication.

Team size: 4

Responsibilities:
- Translated Figma designs into responsive and pixel-perfect UI, ensuring visual accuracy across devices and browsers.
- Built reusable UI components to support scalable feature development and reduce duplication across the application.
- Customized Ant Design (AntD) components to meet unique project requirements, including behavior overrides and visual modifications.
- Optimized and refactored code to improve performance and maintainability: Reduced DOM nodes and render times, implemented adaptive CSS for cross-browser compatibility, minimized layout reflow and repaint for smoother UI interactions, used lazy-loading for images and virtualized lists for large datasets...
- Implemented frontend caching strategies, including: Asset and API response caching to reduce load times, Leveraged service workers for online capabilities and inter-tab communication (e.g., marking

notations/conversations as seen).
- Service workers communicate between 2 tabs: mark seen unread notifications, and mark seen a conversation,...
- Handled real-time communication via WebSockets, including: Secure authentication and reconnection logic, retry mechanisms for failed message delivery, Event handling for live chat, typing indicators, and seen statuses
- Architected Redux store splitting per page, reducing the initial load bundle size, and improving first paint performance.
- Wrote custom React hooks to abstract complex logic and improve code reusability across the app: Debounced API calls, Infinite scroll and pagination, Intersection/ Mutation observers, local state sync, and more.

Technologies Used:
- React JS (Next JS)
- React saga
- React redux
- SCSS module
- Highcharts
- Antd design (Customize)
- Websocket (https://github.com/sockjs/sockjs-client)
- PWA (https://www.npmjs.com/package/next-pwa)

05/2021 - 08/2021

AeviceMD Monitoring System

Front end developer

Customer: Singapore

Description:

Healthcare Monitoring System – Treatment Response Tracking Tool.

This project focuses on developing a monitoring system to support clinicians and patients in tracking and evaluating the effectiveness of treatment plans over time. The Project Goal is to streamline the diagnosis and treatment process by providing real-time insights and historical data, enabling more informed medical decisions and improved patient outcomes.

- Enable clinicians to visualize treatment progress through interactive charts and patient data dashboards.
- Allow patients to track personal health metrics, improving engagement and adherence to prescribed care plans.
- Identify patterns and trends in treatment response to facilitate early intervention or adjustments in therapy.
- Provide a centralized, easy-to-use platform for both healthcare providers and patients to communicate and collaborate.

Responsibilities:

- Established and structured the project codebase, including best practices for scalability, maintainability, and team collaboration.
- Implemented user interfaces based on Figma designs, ensuring responsiveness and visual accuracy across devices.
- Developed core features and application logic, contributing to a high-quality and stable product.
- Wrote automated tests to ensure reliability and reduce regression issues during development and deployment.
- Documented APIs using Swagger (swagger.io), enabling clear communication between frontend and backend teams and supporting external integration. Write API docs using swagger.io.

Team size: 4

Technologies Used:
- React JS (Next JS)
- SCSS
- Typescript
- Highcharts
- React hook form
- Jest and React testing libary