

## PERSONAL DETAILS

- Full Name Franky Dinh
- Gender Male
- Citizenship Vietnamese
- Country of Residence Vietnam

## PROFESSIONAL SUMMARY

- Over 10 years of experience working as Javascript developer
- Over 5 years of experience working as Team Leader.
- Work well under tight deadlines and collaborate effectively with teams to deliver polished results
- Ability to work effectively in a team and foster a positive work environment
- Strong problem-solving skills to tackle technical challenges

## EDUCATION

**Hanoi University of Science and Technology**

*Major: Faculty of Mathematics and Informatics*

## HIGHLIGHT PROJECTS

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Dec. 2025 - Now	
<b>Project Description</b>	Build a Floor Plan Creator Editor system. Features include: <ul style="list-style-type: none"><li>- Admin features to manage User and Master data.</li><li>- Import and export data in XML format.</li><li>- Drawing Floor Plan Editor.</li><li>- Real-time data with WebSocket.</li></ul>
<b>Team size</b>	12
<b>Position</b>	Technical Leader
<b>Company</b>	VMO Holdings
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>- Architectural Leadership: Steered the system architecture and enforced rigorous code quality standards to ensure a scalable foundation for the complex editor logic.</li><li>- High-Fidelity Editor Development: Transformed</li></ul>

	<p>intricate designs into a high-performance Drawing Floor Plan Editor using ReactJS and Redux Toolkit.</p> <ul style="list-style-type: none"> <li>- AI-Driven Productivity: Spearheaded the integration of AI agents to automate repetitive development tasks, significantly optimizing team performance and sprint velocity.</li> <li>- Strategic Planning: Collaborated with cross-functional leads to define project scope and decomposed complex requirements into actionable technical tasks.</li> <li>- System Management: Oversaw the development of an Admin suite for managing user permissions and system-wide Master Data via NestJS.</li> <li>- Communicated with other leaders to clarify scope and requirements.</li> <li>- Estimated and broke down tasks.</li> </ul>
<b>Technologies used</b>	<ul style="list-style-type: none"> <li>- ReactJS</li> <li>- Redux Toolkit</li> <li>- NestJS</li> </ul>

**Jun. 2025 - Dec. 2025**

<b>Project Description</b>	<p>Build an Admin management tool for the AI image analysis system.</p> <p>Features include:</p> <ul style="list-style-type: none"> <li>- Dashboard to visualize data.</li> <li>- Import and export data in XLSX format.</li> <li>- Annotate images with a canvas to visualize and verify AI analysis results.</li> <li>- Push notifications via SignalR WebSocket.</li> </ul>
<b>Team size</b>	15
<b>Position</b>	Frontend Leader
<b>Company</b>	VMO Holdings
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>- Oversaw architecture design, code quality, and feature delivery.</li> <li>- Translated design into actual screens and logic, implementing user interfaces and functionality.</li> <li>- Responsible for identifying and resolving bugs.</li> <li>- Communicated with other leaders to clarify scope and requirements.</li> <li>- Estimated and broke down tasks.</li> </ul>
<b>Technologies used</b>	<ul style="list-style-type: none"> <li>- Angular version 18</li> <li>- Angular Signals</li> </ul>

**Apr. 2025 - Jun. 2025**

<b>Project Description</b>	Build Relay server system. Features include: <ul style="list-style-type: none"> <li>- File handling via AWS Lambda services</li> <li>- File validation and email notifications.</li> <li>- Tracking billing status through files and transactions.</li> </ul>
<b>Team size</b>	5
<b>Position</b>	Technical Leader
<b>Company</b>	VMO Holdings
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>- Design System architect, infrastructure</li> <li>- Oversaw architecture design, code quality, and feature delivery.</li> <li>- Translated design into actual screens and logic, implementing user interfaces and functionality.</li> <li>- Responsible for identifying and resolving bugs.</li> <li>- Communicated with other leaders to clarify scope and requirements.</li> <li>- Estimated and broke down tasks.</li> </ul>
<b>Technologies used</b>	<ul style="list-style-type: none"> <li>- Node</li> <li>- AWS Services</li> </ul>

**Sep. 2024 - Mar. 2025**

<b>Project Description</b>	Build a client app for an E-commerce system. Features include: <ul style="list-style-type: none"> <li>- Providing a store for end users across multiple regions.</li> <li>- Providing a management tool for admin.</li> <li>- Implementing buying and selling processes with Stripe, PayPal, and Visa.</li> <li>- Integrating with SAP system via GraphQL API.</li> </ul>
<b>Team size</b>	20
<b>Position</b>	Frontend Leader
<b>Company</b>	VMO Holdings
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>- Oversaw architecture design, code quality, and feature delivery.</li> <li>- Translated design into actual screens and logic, implementing user interfaces and functionality.</li> <li>- Responsible for identifying and resolving bugs.</li> <li>- Communicated with other leaders to clarify scope and requirements.</li> <li>- Estimated and broke down tasks.</li> </ul>
<b>Technologies used</b>	<ul style="list-style-type: none"> <li>- NextJS, Zustand</li> <li>- NodeJS</li> </ul>

**Jan. 2024 - Nov. 2024**

<b>Project Description</b>	<p>Custom E-commerce Shopify Theme</p> <p>Features include:</p> <ul style="list-style-type: none"><li>- Developing an application - like experience within the Shopify theme using React components for key user flows.</li><li>- Implementing dynamic filtering and sorting on product collection pages without full page reloads.</li><li>- Building a custom, interactive mega-menu component with multi-level navigation and embedded product previews.</li><li>- Integrating a third-party inventory management system via a private GraphQL API for real-time stock updates displayed on product detail pages.</li><li>- Developing a fully responsive and accessible design, optimized for mobile conversion.</li></ul>
<b>Team size</b>	6
<b>Position</b>	Team Leader
<b>Company</b>	VMO Holdings
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>- Implemented the component-based frontend architecture for the theme using ReactJS to manage complex UI state and logic (e.g., cart drawer, filtering).</li><li>- Translated high-fidelity UI/UX designs (Figma) into responsive, functional React components and corresponding Liquid templates.</li><li>- Optimized theme performance using techniques like code splitting, lazy loading of components, and minimizing DOM manipulation to achieve PageSpeed Insights scores over 90.</li><li>- Integrated custom theme logic with the Shopify Storefront API (using GraphQL) and Liquid templating language to fetch and display product, collection, and customer data.</li><li>- Set up and maintained a reliable version control and deployment workflow using Git and Shopify Theme Kit.</li><li>- Conducted code reviews, performed unit testing, and collaborated with back-end developers on API integration points.</li></ul>
<b>Technologies used</b>	<ul style="list-style-type: none"><li>- ReactJS (for core interactivity), JavaScript (ES6+), HTML5, SASS/CSS3</li></ul>

	<ul style="list-style-type: none"> <li>- Liquid, Shopify CLI, Shopify Storefront API (GraphQL)</li> <li>- Redux</li> <li>- Vite</li> </ul>
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**Jun. 2023 - Sep. 2024**

<b>Project Description</b>	<p>Build remote control app and calling app for IOT system</p> <p>Features include:</p> <ul style="list-style-type: none"> <li>- Build an administrator application for controlling cargo ship parameters.</li> <li>- Provide a voice and video calling application via PWA.</li> <li>- Visualize data with 2D and 3D charts.</li> <li>- Provides a mechanism for displaying real-time data with WebSockets.</li> <li>- Integrate SSO authentication for all applications using Microsoft Entra.</li> <li>- Provide real-time notifications.</li> </ul>
<b>Team size</b>	12
<b>Position</b>	Frontend Leader
<b>Company</b>	VMO Holdings
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>- Oversaw architecture design, code quality, and feature delivery.</li> <li>- Translated design into actual screens and logic, implementing user interfaces and functionality.</li> <li>- Responsible for identifying and resolving bugs.</li> <li>- Communicated with other leaders to clarify scope and requirements.</li> <li>- Estimated and broke down tasks.</li> </ul>
<b>Technologies used</b>	<ul style="list-style-type: none"> <li>- ReactJS (PWA).</li> <li>- Redux Toolkit</li> <li>- RTC</li> <li>- Unity</li> <li>- Three.js</li> </ul>

**Feb. 2023 - Jun. 2023**

<b>Project Description</b>	<p>Build mobile app for IOT system</p> <p>Features include:</p> <ul style="list-style-type: none"> <li>- Provide an administrator application to track clients in/out from iPad, which connects with IoT devices.</li> <li>- Display Google Ads and private ads within the application.</li> </ul>
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	<ul style="list-style-type: none"> <li>- Provide checking and checkout features.</li> <li>- Checking and Checkout feature</li> <li>- Track customer location and search for facility locations.</li> <li>- View history of used services and transactions.</li> <li>- Provide real-time notifications.</li> </ul>
<b>Team size</b>	10
<b>Position</b>	Technical Leader
<b>Company</b>	VMO Holdings
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>- Oversaw architecture design, code quality, and feature delivery.</li> <li>- Translated design into actual screens and logic, implementing user interfaces and functionality.</li> <li>- Responsible for identifying and resolving bugs.</li> <li>- Communicated with other leaders to clarify scope and requirements.</li> <li>- Estimated and broke down tasks.</li> </ul>
<b>Technologies used</b>	<ul style="list-style-type: none"> <li>- Flutter.</li> <li>- FCM</li> </ul>

**Feb. 2023 - Sep. 2023**

<b>Project Description</b>	<p>Build a mobile app for the Auction store.</p> <p>Features include:</p> <ul style="list-style-type: none"> <li>- Provide an administrator application to bid on and manage products on the Yahoo Japan Auction platform.</li> <li>- Integrate SSO authentication for all applications using Google.</li> <li>- Visualize data with 2D charts.</li> <li>- Provide real-time notifications.</li> </ul>
<b>Team size</b>	10
<b>Position</b>	Technical Leader
<b>Company</b>	VMO Holdings
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>- Oversaw architecture design, code quality, and feature delivery.</li> <li>- Translated design into actual screens and logic, implementing user interfaces and functionality.</li> <li>- Responsible for identifying and resolving bugs.</li> <li>- Communicated with other leaders to clarify scope and requirements.</li> <li>- Estimated and broke down tasks.</li> </ul>
<b>Technologies used</b>	<ul style="list-style-type: none"> <li>- Flutter.</li> <li>- FCM</li> </ul>

**Aug. 2022 - Jan. 2023**

<b>Project Description</b>	<p>Build a Financial blockchain application.</p> <p>Features include:</p> <ul style="list-style-type: none"> <li>- Provide an administrator application for buying and managing Club tokens using Blockchain technology.</li> <li>- Integrate OAuth2 authentication standard.</li> <li>- Visualize data with 2D charts.</li> <li>- Provide features for Minting, Burning, Withdraw, and Transfer of tokens.</li> <li>- Implement transaction features.</li> <li>- Download and upload media files (images and audio).</li> <li>- Provide real-time notifications.</li> </ul>
<b>Team size</b>	18
<b>Position</b>	Technical Leader
<b>Company</b>	VMO Holdings
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>- Oversaw architecture design, code quality, and feature delivery.</li> <li>- Translated design into actual screens and logic, implementing user interfaces and functionality.</li> <li>- Responsible for identifying and resolving bugs.</li> <li>- Communicated with other leaders to clarify scope and requirements.</li> <li>- Estimated and broke down tasks.</li> </ul>
<b>Technologies used</b>	<ul style="list-style-type: none"> <li>- NextJS, Zustand.</li> <li>- NodeJS</li> <li>- Solidity</li> </ul>

**Apr. 2022 - Jul. 2022**

<b>Project Description</b>	<p>Build a Healthcare blockchain application.</p> <p>Features include:</p> <ul style="list-style-type: none"> <li>- Provide an administrator application for managing patient records using Blockchain technology.</li> <li>- Integrate OAuth2 authentication standard.</li> <li>- Visualize data with 2D charts.</li> <li>- Provide dynamic medical records based on server-side configuration.</li> <li>- Download and upload files.</li> <li>- Provide real-time notifications.</li> </ul>
<b>Team size</b>	20
<b>Position</b>	Technical Leader
<b>Company</b>	VMO Holdings

<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>- Oversaw architecture design, code quality, and feature delivery.</li> <li>- Translated design into actual screens and logic, implementing user interfaces and functionality.</li> <li>- Responsible for identifying and resolving bugs.</li> <li>- Communicated with other leaders to clarify scope and requirements.</li> <li>- Estimated and broke down tasks.</li> </ul>
<b>Technologies used</b>	<ul style="list-style-type: none"> <li>- ReactJS.</li> <li>- NodeJS</li> <li>- Solidity</li> </ul>

**Oct. 2021 - Apr. 2022**

<b>Project Description</b>	<p>Build a Real Estate application.</p> <p>Features include:</p> <ul style="list-style-type: none"> <li>- Provide an administrator application for managing location and metadata of a building and site.</li> <li>- Integrate OAuth2 authentication standard.</li> <li>- Integrate Google Space apis.</li> <li>- Visualize data with 2D charts.</li> <li>- Provide dynamic form based on server-side configuration.</li> <li>- Download and upload files.</li> <li>- Provide real-time notifications.</li> </ul>
<b>Team size</b>	10
<b>Position</b>	Technical Leader
<b>Company</b>	VMO Holdings
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>- Oversaw architecture design, code quality, and feature delivery.</li> <li>- Translated design into actual screens and logic, implementing user interfaces and functionality.</li> <li>- Responsible for identifying and resolving bugs.</li> <li>- Communicated with other leaders to clarify scope and requirements.</li> <li>- Estimated and broke down tasks.</li> </ul>
<b>Technologies used</b>	<ul style="list-style-type: none"> <li>- ReactJS, Redux Toolkit.</li> <li>- NodeJS</li> </ul>

**Jun. 2021 - Sep. 2021**

<b>Project Description</b>	<p>Build a Dashboard controller of Page Builder (Shopify Platform).</p> <p>Features include:</p> <ul style="list-style-type: none"> <li>- Provide an administrator Dashboard of storefront management for shop owners.</li> </ul>
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	<ul style="list-style-type: none"> <li>- Integrate Shopify apis.</li> <li>- Visualize data with 2D charts.</li> <li>- Download and upload files.</li> </ul>
<b>Team size</b>	8
<b>Position</b>	Technical Leader
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>- Oversaw architecture design, code quality, and feature delivery.</li> <li>- Translated design into actual screens and logic, implementing user interfaces and functionality.</li> <li>- Responsible for identifying and resolving bugs.</li> <li>- Communicated with other leaders to clarify scope and requirements.</li> <li>- Estimated and broke down tasks.</li> </ul>
<b>Technologies used</b>	<ul style="list-style-type: none"> <li>- VueJS.</li> <li>- Ruby on rails.</li> </ul>

#### Jun. 2021 - Sep. 2021

<b>Project Description</b>	<p>Build a Page Builder (Shopify Platform).</p> <p>Features include:</p> <ul style="list-style-type: none"> <li>- Provide an administrator application for the design page and metadata of a shopify storefront.</li> <li>- Integrate Shopify apis.</li> <li>- Page builder tool.</li> </ul>
<b>Team size</b>	10
<b>Position</b>	Technical Leader
<b>Company</b>	Seal Commerce
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>- Oversaw architecture design, code quality, and feature delivery.</li> <li>- Translated design into actual screens and logic, implementing user interfaces and functionality.</li> <li>- Responsible for identifying and resolving bugs.</li> <li>- Communicated with other leaders to clarify scope and requirements.</li> <li>- Estimated and broke down tasks.</li> </ul>
<b>Technologies used</b>	<ul style="list-style-type: none"> <li>- ReactJS, Redux Toolkit.</li> <li>- JQuery.</li> <li>- Ruby on rails</li> </ul>

#### Jun. 2020 - Sep. 2020

<b>Project Description</b>	<p>Build an admin application to monitor deployed VPS.</p> <p>Features include:</p> <ul style="list-style-type: none"> <li>- Provide an administrator application for controlling VPS machines.</li> </ul>
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	- Visualize data with 2D charts.
<b>Team size</b>	10
<b>Position</b>	Frontend Leader
<b>Company</b>	Techbros
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>- Oversaw architecture design, code quality, and feature delivery.</li> <li>- Translated design into actual screens and logic, implementing user interfaces and functionality.</li> <li>- Responsible for identifying and resolving bugs.</li> <li>- Communicated with other leaders to clarify scope and requirements.</li> <li>- Estimated and broke down tasks.</li> </ul>
<b>Technologies used</b>	<ul style="list-style-type: none"> <li>- ReactJS, Redux Toolkit.</li> <li>- NodeJS</li> </ul>

**Dec. 2019 - Mar. 2020**

<b>Project Description</b>	<p>Report generator.</p> <p>Features include:</p> <ul style="list-style-type: none"> <li>- Provide an administrator application for report generators based on Jaspersoft Report.</li> </ul>
<b>Team size</b>	3
<b>Position</b>	Frontend Leader
<b>Company</b>	Techbros
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>- Oversaw architecture design, code quality, and feature delivery.</li> <li>- Translated design into actual screens and logic, implementing user interfaces and functionality.</li> <li>- Responsible for identifying and resolving bugs.</li> <li>- Communicated with other leaders to clarify scope and requirements.</li> <li>- Estimated and broke down tasks.</li> </ul>
<b>Technologies used</b>	<ul style="list-style-type: none"> <li>- NextJS, Redux Toolkit.</li> <li>- NodeJS</li> </ul>

**Mar. 2017 - Sep. 2019**

<b>Project Description</b>	<p>Process management, Task management and File management tool.</p> <p>Features include:</p> <ul style="list-style-type: none"> <li>- Provide an administrator application for task management, file management, and process management used in construction.</li> <li>- Visualize data via 2D charts.</li> </ul>
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	<ul style="list-style-type: none"> <li>- Download and upload files.</li> <li>- Provide real-time notifications.</li> </ul>
<b>Team size</b>	5
<b>Position</b>	Frontend Leader
<b>Company</b>	Techbros
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>- Oversaw architecture design, code quality, and feature delivery.</li> <li>- Translated design into actual screens and logic, implementing user interfaces and functionality.</li> <li>- Responsible for identifying and resolving bugs.</li> <li>- Communicated with other leaders to clarify scope and requirements.</li> <li>- Estimated and broke down tasks.</li> </ul>
<b>Technologies used</b>	<ul style="list-style-type: none"> <li>- ReactJS.</li> <li>- NodeJS</li> </ul>

**Mar. 2015 - Mar. 2017**

<b>Project Description</b>	<p>Chain Store Management</p> <p>Features include:</p> <ul style="list-style-type: none"> <li>- Provide Chain Store Management application.</li> <li>- Visualize data via 2D charts.</li> <li>- Provide Satellite Image Selling application.</li> <li>- Provide real-time notifications.</li> </ul>
<b>Team size</b>	5
<b>Position</b>	Frontend Developer
<b>Company</b>	Freelancer
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>- Oversaw architecture design, code quality, and feature delivery.</li> <li>- Translated design into actual screens and logic, implementing user interfaces and functionality.</li> <li>- Responsible for identifying and resolving bugs.</li> <li>- Communicated with other leaders to clarify scope and requirements.</li> <li>- Estimated and broke down tasks.</li> </ul>
<b>Technologies used</b>	<ul style="list-style-type: none"> <li>- ReactJS.</li> <li>- JQuery.</li> </ul>