

# Vũ Thành Khang

Fullstack developer

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**Github** <https://github.com/countduck4819>



## Overview

- I have completed the Information Technology program at Hanoi University of Industry and possess over 1 year of programming experience, with good communication skills and the ability to learn quickly.
- My strength lies in Front-end development.
- Proficient in HTML, CSS, JavaScript, and Python.
- Experienced in implementing perfect pixel, responsive websites, with a strong focus on user experience.
- Skilled in working with JavaScript (ReactJS/NextJS), TailwindCSS, Bootstrap 5, MySQL, SQL Server, NodeJS, PostgreSQL, and ExpressJS.
- Strong understanding of ReactJS workflow.
- Familiar with ReactJS libraries such as Redux, Redux Toolkit, React Query, etc.
- Proficient in using version control tools: GitHub, Bitbucket, GitLab, and version control applications such as SourceTree.
- Experienced with design tools: Canvas, Figma.
- Familiar with RESTful APIs.
- Experienced in building AI and chatbots.
- Basic knowledge of Back-end development
- Knowledgeable in Machine Learning algorithms such as XGBoost, LSTM, etc.

## Work experience

- |                         |   |
|-------------------------|---|
| <b>3/2024 - 3/2025</b>  | Metasol Digital Technology Joint Stock Company<br><i>Front-end Developer</i> <ul style="list-style-type: none"><li>Developed a website for information and sales management</li></ul> |
| <b>4/2025 - 8/2025</b>  | Work with the teacher<br><i>Front-end Developer</i> <ul style="list-style-type: none"><li>Designed and developed the user interface for the website</li></ul>                         |
| <b>9/2025 - 12/2025</b> | Okhub Vietnam Joint Stock Company<br><ul style="list-style-type: none"><li>Develop websites for state-owned banks and e-commerce websites with a priority on SEO</li></ul>            |

## Education

- |                        |  |
|------------------------|--|
| <b>9/2021 – 6/2025</b> | <b>Hanoi University of Industry</b><br><b>Major - Information Technology</b> |
|------------------------|--|

## Skills

- |             |   |
|-------------|---|
| <b>Main</b> | <ul style="list-style-type: none"><li>HTML, CSS, JavaScript (ReactJS/Nextjs)</li><li>Python (Django)</li><li>Node (ExpressJS), NestJS</li><li>RESTful API</li><li>MySQL, PostgreSQL</li></ul> |
|-------------|---|

- Other**
- Github, Gitlab, Bitbucket
  - Python

## ★ Awards

5/2025 - 8/2025      Samsung Innovation Campus (SIC) Course  
Samsung Certification in Artificial Intelligence

## Projects

### MBBANK: MB NGÂN HÀNG QUÂN ĐỘI

(09/2025 - 12/2025)

<b>Client</b>	Military Commercial Joint Stock Bank
<b>Descriptions</b>	<p>The project focuses on developing and refining the digital application interface for Military Commercial Joint Stock Bank (MB), with the goal of achieving high visual accuracy (Perfect Pixel) and enhancing user experience through smooth and refined animations. The project aims to faithfully implement the design specifications while delivering a seamless, modern, and professional interaction experience.</p> <p>The project emphasizes implementing the interface in strict accordance with MB's design system, ensuring high accuracy in every detail such as colors, dimensions, spacing, typography, and layout compared to the original design. In addition, animations and micro-interactions—including page transitions, content appearance, user interaction feedback, and loading states—are carefully optimized to improve visual clarity and overall smoothness during usage.</p> <p>By combining Perfect Pixel implementation with modern animation techniques, the project contributes to enhancing user experience quality and meeting MB's high standards for interface design and visual aesthetics in its digital products.</p>
<b>Number of members</b>	10
<b>Position</b>	Fresher Front-end Developer
<b>Link website</b>	<a href="https://mb-web-fe.vercel.app/">https://mb-web-fe.vercel.app/</a>
<b>Technology in use</b>	Frontend: ReactJS, Typescript, Tailwind, React Query, Shadcn

## Fireant

(08/2025 - 12/2025)

<b>Client</b>	Personal project
<b>Descriptions</b>	<p>FireAnt is a comprehensive solution for Vietnamese stock investors. The platform allows users to track stock prices, monitor trading activities, and visualize the overall market through an interactive treemap.</p> <p>Investors who register for the premium package receive expert-recommended buy and sell prices, AI-powered investment suggestions, and access to an intelligent chatbot that answers questions related to economics, stocks, and market news.</p> <p>Premium registration and payment are processed quickly and securely via PayOS. In addition, the administration dashboard enables administrators to easily manage user accounts and gain insights into overall market activity. FireAnt is a perfect solution for Vietnamese stock investors. This project helps investors track traded stocks, view the overall trading codes with treemap, with investors registering for the premium package, they will receive buying and selling prices from experts and AI suggestions, in addition, there is an AI chatbot to help investors find out any questions about economics, stocks, market news. When registering for premium, b will be processed quickly thanks to payos. And the administration page helps administrators grasp the market situation and manage accounts easily.</p>
<b>Number of members</b>	1
<b>Position</b>	Fullstack Developer
<b>Link website</b>	<a href="https://fireant.io.vn/">https://fireant.io.vn/</a> (bản build đang lỗi môi trường => code chạy local bình thường) Github: <a href="https://github.com/countduck4819/Project_Web_Stock">https://github.com/countduck4819/Project_Web_Stock</a>
<b>Technology in use</b>	<ul style="list-style-type: none"><li>Frontend: NextJS, Typescript, Tailwind, Redux toolkit, Shadcn, TradingView, Echarts</li><li>Backend: Python, Nestjs, Vnstock, TypeORM, Postgres</li><li>Build: VPS</li><li>Other: Docker, Github</li></ul>

## • Học tốt AI

(04/2025 - Present)

<b>Client</b>	School
<b>Descriptions</b>	This project is designed to be offered to schools. It is a web platform that allows students, teachers, and the school to communicate and interact with each other. The system enables schools and teachers to manage students more easily. The highlight of this platform is that after students complete their assignments, if teachers are not available to check immediately, an AI system will automatically grade and provide feedback to help students improve their work. In addition, an AI-powered chatbot is integrated to support both students and teachers whenever they have questions.
<b>Number of members</b>	3
<b>Position</b>	Fresher Front-end Developer
<b>Link website</b>	<a href="https://hoctot.ai/">https://hoctot.ai/</a>
<b>Technology in use</b>	Frontend: ReactJS, Typescript, Tailwind, Redux toolkit

## Coco Solar

(12/2024 - 3/2025)

<b>Client</b>	Coco Solar – Solar Power Company
<b>Descriptions</b>	<ul style="list-style-type: none"><li>- This website is divided into three roles: partners, customers, and managers. Coco considers the application as three separate websites for these roles, enabling customers, partners, and Coco to communicate with each other about purchasing materials, installation, and related contracts, so that the solar power project can achieve the lowest cost and maximize savings for users.</li><li>- Functions worked in this project:<ul style="list-style-type: none"><li>Customer website:<ul style="list-style-type: none"><li>+ Handle material price quotes and deferred payments</li><li>+ Build user interface</li></ul></li><li>Admin Website:<ul style="list-style-type: none"><li>+ Build login pages, role pages, menus, accounts, and shared categories</li></ul></li><li>Partner Website:<ul style="list-style-type: none"><li>+ Build Sales Management pages - Quotation, Survey Schedule, ....</li></ul></li></ul></li></ul>
<b>Number of members</b>	4
<b>Position</b>	Fresher Front-end Developer
<b>Link website</b>	<a href="https://www.cocosolar.vn/vi">https://www.cocosolar.vn/vi</a>
<b>Technology in use</b>	Frontend: NextJS, Typescript, Tanstack, Shadcn, Tailwind

## Vtracker

(8/2024 - 11/2024)

<b>Client</b>	Metasol Digital Technology Joint Stock Company
<b>Descriptions</b>	<ul style="list-style-type: none"><li>- This website is used to manage tasks efficiently and quickly, and it also integrates a messaging feature for two-way communication, making work handling more convenient.</li><li>- Functions worked in this project:<ul style="list-style-type: none"><li>+ Build a Gantt chart to manage work timeline</li><li>+ Build a firebase to receive messages when there are notifications</li><li>+ Use sockets for real-time messaging</li><li>+ And other management functions such as users, decentralization, ...</li></ul></li></ul>
<b>Number of members</b>	3
<b>Position</b>	Fresher Front-end Developer
<b>Link website</b>	<a href="https://jitter.metasol.vn/">https://jitter.metasol.vn/</a>
<b>Technology in use</b>	Front - end: ReactJS, TypeScript, Redux toolkit, CoreUI, DND kit, React Gantt Component, Firebase, Socket

<b>Client</b>	Vinacomin – Vietnam National Coal and Mineral Industries Group
<b>Descriptions</b>	<ul style="list-style-type: none"> <li>- This website helps users access the latest information about coal and minerals, while also learning about the work and social activities of the Vietnam National Coal and Mineral Industries Group through articles, videos, or corporate songs.</li> <li>- Functions worked in this project: <ul style="list-style-type: none"> <li>User interface development <ul style="list-style-type: none"> <li>+ Build components and forms for functional CRUD.</li> <li>+ Ensure the interface is responsive and user-friendly.</li> <li>+ Some components: Shared categories, User management, General introduction,...</li> </ul> </li> <li>Unified API <ul style="list-style-type: none"> <li>+ Rest API.</li> <li>+ Handle asynchronous requests and handle errors.</li> </ul> </li> <li>Implement system decentralization</li> <li>Client side security: <ul style="list-style-type: none"> <li>+ Session authentication and management.</li> <li>+ Implement security measures such as XSS prevention.</li> <li>+ Encrypt sensor data before sending it.</li> </ul> </li> <li>Priority performance <ul style="list-style-type: none"> <li>+ Apply lazy loading techniques.</li> <li>+ Rendering optimized to minimize unnecessary re-rendering.</li> </ul> </li> <li>Multi-language</li> </ul> </li> </ul>
<b>Number of members</b>	5
<b>Position</b>	Intern Front-end Developer
<b>Link website</b>	<a href="https://vinacomin.vn/vi">https://vinacomin.vn/vi</a>
<b>Technology in use</b>	Front - end: NextJS, Typescript, Redux toolkit, Tailwind, CKFinder, DND kit

**Mindmap Project**

(12/2023 - 1/2024)

<b>Client</b>	Personal project
<b>Descriptions</b>	<ul style="list-style-type: none"> <li>- A project that uses the React-flow library to build a mindmap feature, convenient for work or study management. In addition, the project includes a pro feature that allows creating multiple mindmaps within a single account.</li> <li>- Functions worked in this project: <ul style="list-style-type: none"> <li>+ Handling registration and login using the Auth0.</li> <li>+ Manage user mind maps, allowing each account to access other users' mind maps if they share them with you.</li> <li>+ Handling the addition, editing, and deletion of nodes within the mind map using the React Flow library.</li> </ul> </li> </ul>
<b>Number of members</b>	1
<b>Position</b>	Front-end Developer
<b>Link website</b>	<a href="https://projectmindmap-delta.vercel.app/">https://projectmindmap-delta.vercel.app/</a>
<b>Technology in use</b>	Front - end: NextJS, TailwindCSS, Redux, React Flow, Auth0

## Game 2048

(9/2023 - 10/2023)

<b>Client</b>	Personal project
<b>Descriptions</b>	<ul style="list-style-type: none"><li>- It is a classic game that uses the arrow keys to move and increase points.</li><li>- After every stressful class hour, we can entertain ourselves with games like 2048. This project of mine has many features such as saving the highest score, resetting the game, creating a new game.</li></ul>
<b>Number of members</b>	1
<b>Position</b>	Front-end Developer
<b>Link website</b>	<a href="https://game2048.countduck2003.id.vn/">https://game2048.countduck2003.id.vn/</a>
<b>Technology in use</b>	Front - end: ReactJS, Typescript, Bootstrap

## Trello Project

(10/2023 - 11/2023)

<b>Client</b>	Personal project
<b>Descriptions</b>	<ul style="list-style-type: none"><li>- This is a project that simulates Trello's web drag-and-drop features to perform task management.</li><li>- Functions worked in this project:<ul style="list-style-type: none"><li>+ Processing drag-and-drop for columns and tags within columns, similar to the Trello web interface, using the Dnd-kit library.</li><li>+ Handling the addition of columns and tags within columns and saving them to the database.</li><li>+ Handling the deletion of columns and saving it to the database.</li><li>+ After drag-and-drop, updating the API to save the user's final actions.</li></ul></li></ul>
<b>Number of members</b>	1
<b>Position</b>	Front-end Developer
<b>Link website</b>	<a href="https://trello.countduck2003.id.vn/">https://trello.countduck2003.id.vn/</a>
<b>Technology in use</b>	Front - end: ReactJS, Dnd-kit, Bootstrap

## Portfolio

(8/2023 - 9/2023)

<b>Client</b>	Personal project
<b>Descriptions</b>	<ul style="list-style-type: none"><li>- A website containing specific personal information about me.</li><li>- Functions worked in this project:<ul style="list-style-type: none"><li>+ This project was created to introduce myself, my learning process as well as my project, it has login features, switching between English and Vietnamese, as well as a light and dark function.</li></ul></li></ul>
<b>Number of members</b>	1
<b>Position</b>	Front-end Developer
<b>Link website</b>	<a href="https://homewordday56.vercel.app/">https://homewordday56.vercel.app/</a>
<b>Technology in use</b>	Front - end: NextJS, Bootstrap, Auth0