

# Nguyen Văn Huy

Frontend developer

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## Career Objective

As a React Developer with over 5 years of experience, I specialize in building modern web applications with a focus on performance optimization and user experience. I am eager to join an innovative company where I can apply my expertise in ReactJS, Nextjs, JavaScript, and HTML/CSS to solve complex challenges, enhance user interactions, and contribute to cutting-edge web solutions. I am committed to continuous learning, improving my technical skills, and collaborating with a talented team to develop high-quality products that meet real-world demands and deliver lasting value.

## Work experience

**11/2022 – Present**

### **APEC GROUP**

*Web Developer*

- Designed and implemented frontend services.
- Mentored and led a team of 5+ frontend developers.
- Developed and improved the company's core services.
- Deployed Kubernetes (K8s) on-premise, ensuring high availability and fault tolerance for critical services.
- Deployed microservices architecture and implemented CI/CD pipelines using Jenkins to streamline deployment processes

**07/2021 - 11/2022**

### **OSCO INTERNATIONAL**

*Software Developer*

- Researched and developed front-end solutions for internal management and IoT monitoring dashboards.
- Built a real-time monitoring dashboard for industrial equipment, enabling remote tracking and control.
- Designed an interactive and data-rich UI using React.js for seamless visualization of live machine metrics.
- Integrated WebSocket communication (Socket.io) to update device status in real-time.
- Developed custom data visualization components to display machine performance, logs, and predictive maintenance insights.

**03/2020 – 07/2021**

### **CNC VINA**

*Software Developer*

- Designed and implemented real-time image processing algorithms using OpenCV, WinForms, and .NET Framework.
- Built a vision-based defect detection system to analyze product quality in an automated manufacturing line.
- Utilized OpenCV with C# to enhance object recognition and improve defect detection accuracy.

## Education

2014 – 2019

### Hanoi University of Science and Technology

Major - Bachelor of Engineering in Automation and Control

- Level - Good
- Specialized in embedded systems and microcontroller programming.
- Developed skills in industrial automation systems and control technologies.
- Completed various projects involving microcontrollers and embedded systems

2019 – Present

### Self-Learning & Professional Development

Web Development & Frontend Technologies

- Transitioned from embedded systems to web development
- Mastered modern JavaScript frameworks including React.js and Next.js
- Completed online courses and certifications in frontend development

## Skills

- Main**
- HTML, CSS, JavaScript (ReactJS, NextJS), TypeScript
  - Node (ExpressJS)
  - RESTful API
  - MySQL, PostgreSQL, NoSQL (MongoDB)
  - Server (Apache, Nginx, Queue, Log, Cronjob...), K8S, Docker
- Other**
- Jenkins
  - GIT
  - Python (selenium automation test, crawler)
  - Tensorflow
  - Shopify

## Awards

12/2024

### Apec Group

Outstanding Employee of the Year 2024

## Projects

### Web Booking System

(2025 - Present)

<b>Client</b>	<b>Apec Group</b>
<b>Descriptions</b>	Online hotel booking system that allows users to search, compare, and book hotels easily.
<b>Number of members</b>	5
<b>Position</b>	Frontend Lead
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>- Built codebase, reviewed &amp; merged code, deployed code</li><li>- Convert Figma UI to Code</li></ul>
<b>Technology in use</b>	<ul style="list-style-type: none"><li>- Next.js, Tailwind CSS, Redux, Docker, Nginx</li></ul>

## CRS (Central Reservation System)

(10/2024 - Present)

<b>Client</b>	Apec Group
<b>Descriptions</b>	Centralized booking system that synchronizes data across multiple hotel reservation systems.
<b>Number of members</b>	4
<b>Position</b>	Frontend Lead
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>- Built codebase, reviewed &amp; merged code, deployed code</li><li>- Convert Figma UI to Code</li><li>- Developed the following UI screens: Room Availability, My Allotment, Booking, Master Data, Dashboard.</li></ul>
<b>Technology in use</b>	- React, Typescript, Tailwind CSS, Antd, Redux, Docker, Nginx

## Allotment System

(06/2024 - 11/2024)

<b>Client</b>	Apec Group
<b>Descriptions</b>	Hotel room allocation system for agents, managing booking quotas efficiently.
<b>Number of members</b>	4
<b>Position</b>	Frontend Developer
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>- Convert Figma UI to Code</li><li>- Developed the allotment management interface</li></ul>
<b>Technology in use</b>	- React, Typescript, Tailwind CSS, Antd, Redux, Docker, Nginx

## CMS Open Banking

(02/2024 - 05/2024)

<b>Client</b>	Apec Group
<b>Descriptions</b>	API management system for open banking, allowing integration of financial services into other platforms.
<b>Number of members</b>	4
<b>Position</b>	Frontend Developer
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>- Convert Figma UI to Code</li><li>- Developed an API management dashboard</li><li>- Developed configuration and master management interfaces</li></ul>
<b>Technology in use</b>	- React, Typescript, Tailwind CSS, Antd, Redux, Docker, Nginx

## MEM (Managed Estate Management)

(07/2023 - 01/2024)

<b>Client</b>	Apec Group
<b>Descriptions</b>	MEM is a real estate management system for optimizing property operations, administration, and monitoring.
<b>Number of members</b>	5
<b>Position</b>	Backend Developer
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>- Build backend</li></ul>
<b>Technology in use</b>	- Backend: NodeJs

## Mandala Holiday

(02/2023 - (08/2023)

<b>Client</b>	Apec Group
<b>Descriptions</b>	Vacation contract management software for tracking bookings, service contracts, and customer benefits.
<b>Number of members</b>	10
<b>Position</b>	DevOps Engineer
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>Containerized applications with Docker, deployed Kubernetes on Linux (on-prem), and optimized CI/CD pipelines.</li></ul>
<b>Technology in use</b>	<ul style="list-style-type: none"><li>Linux, On-Premise, CI/CD, Jenkins, K8S</li></ul>

## Smart Factory Device Management System

(08/2021 - 11/2022)

<b>Client</b>	Osco International
<b>Descriptions</b>	A system designed to monitor, manage, and optimize industrial devices in smart factories, ensuring efficient operations, predictive maintenance, and real-time data analysis.
<b>Number of members</b>	20
<b>Position</b>	Full Stack Developer
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>Designing and developing an intuitive user interface for device monitoring and management</li><li>Building the backend API using Node.js to handle device data and user interactions</li><li>Integrating WebSocket for real-time updates and event-driven communication</li></ul>
<b>Technology in use</b>	<ul style="list-style-type: none"><li>Frontend: React, Bootstrap</li><li>Real-time Communication: WebSocket, MQTT</li><li>Backend: Node.js, Express.js, PostgreSQL</li></ul>

## Vision-Based Defect Detection System

(06/2018 - Present)

<b>Client</b>	Cnc Vina
<b>Descriptions</b>	A real-time vision system for detecting defects in automated manufacturing, enhancing quality control through image processing.
<b>Number of members</b>	10
<b>Position</b>	Full Stack Developer
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>Developed a real-time industrial vision system for automated defect detection</li><li>Developed image processing algorithms with OpenCV to improve defect detection accuracy.</li></ul>
<b>Technology in use</b>	<ul style="list-style-type: none"><li>.NET Framework, WinForms, OpenCV</li></ul>

## Facebook Pixel TikTok Pixel

(06/2024 - Present)

<b>Client</b>	Side Project
<b>Descriptions</b>	<ul style="list-style-type: none"><li>A top 3 Shopify app for seamless Facebook Pixel &amp; TikTok Pixel integration, enabling precise event tracking and conversion optimization.</li><li>Link : <a href="https://apps.shopify.com/facebook-multiple-pixel">https://apps.shopify.com/facebook-multiple-pixel</a></li></ul>
<b>Number of members</b>	2
<b>Position</b>	Full Stack Developer
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>Built a Shopify app for pixel management and event tracking</li><li>Implemented Facebook Conversion API &amp; TikTok Events API for server-side tracking</li></ul>
<b>Technology in use</b>	<ul style="list-style-type: none"><li>Frontend: React, Polaris</li><li>Backend: Remix, PostgreSQL</li></ul>