

Han Tran (Dinh Hoang Tran)

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Summary

DevOps-focused Full Stack Developer experienced deploying and operating production web services with **Docker**, **Kubernetes**, and cloud infrastructure. Strong foundation in **containerization**, **cluster administration**, **security hardening**, and **CI/CD-driven** delivery, with hands-on experience building and running Node.js/Next.js applications backed by MongoDB. Comfortable troubleshooting across the stack (networking, logs, application performance), improving reliability, and collaborating in Agile teams. Fluent in **English and Vietnamese**.

Skills

DevOps/Cloud: Kubernetes (kubect), Docker, CI/CD, Linux, Git/GitHub, DigitalOcean, AWS (S3), Vercel
Security: Container security, RBAC, least privilege, secrets handling, image provenance/signing concepts (DCT)
Backend: Node.js, Express, REST APIs, Auth (JWT), Async/Await, Axios/Fetch
Databases/Caching: MongoDB, Redis (integration)
Frontend (secondary): React, Next.js, TailwindCSS, Material UI, HTML5, CSS3
Languages: JavaScript (ES6+), TypeScript, Python
Tooling: Postman, Jest, Webpack/Vite, Monitoring/Debugging, Agile Development

Certifications

Docker Certified Associate (DCA)	<i>Issued: Dec 2025</i>
Certified Kubernetes Administrator (CKA)	<i>Issued: Jan 2026</i>
Certified Kubernetes Application Developer (CKAD)	<i>Issued: Feb 2026</i>
Certified Kubernetes Security Specialist (CKS)	<i>Issued: Mar 2026</i>

Experience

Full Stack Developer (Original Pho Eatery)

Victoria, BC

Apr 2024 – Present

- Designed and deployed production services for a restaurant operations system, including staff portal (staff.originalpho.ca) and API (api.originalpho.ca).
- Built and maintained containerized backend services with **Docker**, supporting reliable deployments and environment consistency.
- Developed REST APIs using Node.js/Express with MongoDB, and implemented JWT-based authentication with protected routing in Next.js.
- Improved operational efficiency by automating reporting and task workflows, reducing manual work and improving daily throughput by 40%.
- Troubleshoot production issues end-to-end (logs, networking, API behavior) and shipped iterative fixes based on stakeholder feedback.

Backend Web Developer

Udata, Hanoi, Vietnam

Apr 2024 – Aug 2024

- Delivered backend APIs and deployment-ready services; created repeatable **Dockerized** environments and API testing templates.
- Deployed services on **DigitalOcean** and **AWS S3**; supported integration, reliability, and performance troubleshooting.
- Improved delivery quality through linting standards, PR checklists, and structured incident debugging.

- Owned end-to-end feature delivery: planning, implementation, testing, deployment, and post-release fixes.

Frontend Web Developer

DH Group, Hanoi, Vietnam

Jan 2023 – Apr 2024

- Built and maintained production web apps (**OEE monitoring** and **Control Plane**) with React/Next.js and TypeScript.
- Integrated REST APIs with resilient error handling and user-friendly loading states; supported stable releases through debugging and QA.
- Improved load time by **30%** via code-splitting, memoization, and asset optimization (Lighthouse).
- Collaborated in Agile delivery with daily scrums, design discussions, and PR reviews.

Requirements Engineering (Team Project)

University of Victoria

2022

- Produced a full Requirements Specification Document (RSD) and prototype in a 5-person team.
- Won 1st Place at UVic's Ocean Challenge competition.

Selected Projects

Original Pho Eatery System

staff.originalpho.ca | api.originalpho.ca

Docker, Node.js, Express, MongoDB, Next.js (TSX)

Built and operated full-stack services for restaurant operations. Containerized backend deployment improved reliability and repeatability; implemented auth, dashboards, and reporting used daily by staff.

Original Pho Eatery Website

originalpho.ca

Next.js, TailwindCSS Public-facing site with reusable components, image optimization, and SEO metadata.

Pambu Control Plane (DH Group)

Private

Next.js, Docker Admin dashboards with authentication, protected routes, and API integrations.

Pambu OEE (DH Group)

pambu.org

Next.js Real-time OEE views with charts, filters, and role-based access.

Education

B.Sc. in Computer Science

University of Victoria, Victoria, BC

Apr 2025

Additional

Languages: English (Fluent), Vietnamese (Native)

Strengths: Incident troubleshooting, clean architecture, documentation, quick learning, teamwork in Agile environments

Links: Portfolio: hantrancs.github.io/resume | GitHub: github.com/hantrancs

References

Available upon request