

# TRAN PHUC HOAN

Solutions Architect / DevOps / Cloud Engineer

<https://hoantran.name.vn>



## PERSONAL INFORMATION

Year of Birth: 1991

City/province: Hanoi, Vietnam



## EXECUTIVE SUMMARY

### KEY SKILLS & EXPERIENCE:

- Full Stack/DevOps: 10+ years in Full-stack development and DevOps engineering.
- Versatile Roles: Proven success as Solutions Architect, Bridge SE, Software Developer, and DevOps Engineer.
- Cloud Proficiency: Extensive cloud experience (AWS, GCP, Azure).
- International Exp: International background: long-term collaboration with Japanese clients, including on-site work in Japan.
- Containerization: Kubernetes & Docker.
- CI/CD Mastery: Jenkins, GitLab CI/CD, GitHub Actions, AWS CodePipeline.
- Config. Management: Skilled in using configuration management tools and developing CI/CD pipelines.
- AWS Hands-on: Hands-on with AWS ECS, EKS, RDS, EC2 or Big Data services
- Project Management: Experienced in end-to-end project management.

### TECHNICAL SKILLS:

#### Cloud/Hosting Services:

- Big Cloud: AWS, GCP, Azure
- Development support: GitHub/GitLab
- GMD: Z.com Platform, Conoha, App Cloud

#### Programming Languages:

- Experience: Java, PHP, JavaScript (Typescript), C#,...
- Knowledge: Ruby, Go, Python, C/C++, Swift, Kotlin

#### Databases:

- Experience: MySQL (MariaDB), PostgreSQL, SQLite,...
- Knowledge: MongoDB, RethinkDB

#### Frameworks:

- Java/Kotlin: Spring Boot, Ktor
- PHP: Laravel, FuelPHP, CakePHP, Phalcon
- Javascript: NestJS, React/React Native, VueJS

#### Environment Tools:

- Infrastructure: Ansible, Docker (Docker Compose), K8S
- CI/CD: CodePipeline, GitLab CI, GitHub Actions, Jenkins
- IaaS: Terraform, CDK

## LANGUAGES


Japanese • Intermediate

N3

English • Basic

TOEIC 675

## PROFESSIONAL EXPERIENCE

	<b>Solutions Architect / DevOps Engineer</b> PIRAGO VIETNAM CO., LTD. • Full time 10/2020 - Present
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PiraGo was founded in 2018 by a passionate founding team with many years of experience in developing information technology solutions for large businesses in Japan.

**Position:** Solutions Architect, DevOps, BrSE

- Designed system architectures and provided technical consultancy to customers.
- Supported >50 projects, tackling complex tasks and production issues.
- Operated and optimised clients' production environments.
- Wrote Terraform modules and Helm charts to provision and manage cloud infrastructure.
- Deployed Kubernetes to decompose monoliths into micro-services, boosting developer velocity and scalability.
- Automated provisioning, load-balancing, monitoring and cost-optimisation on AWS/GCP.
- Highly experienced in leveraging both AWS and GCP cloud platforms for scalable and reliable solutions.
- Built robust CI/CD pipelines integrated with GitLab/GitHub/CodePipeline and automated testing.
- Partnered with Agile product teams to ensure smooth delivery.

### Key Projects:

Project	Period		Team	Highlights & Tech
	From	To		
GenAI R&D	Jan 2025	Now	5	→ <b>Description:</b> Research about GenAI, fine-tune, apply for many edges of work  → <b>Tech:</b> AI Editor (Cursor, Windsuf), Cline, Roo-Code, ... OpenRouter / AWS Bedrock / Gemini
Smart-Agriculture Platform	Mar 2021	Now	20	→ <b>Description:</b> Web/app system that helps farmers manage their farming activities across multiple platforms.  → <b>Tech:</b> Express.js / Quasar Vue.js GCP: App Engine, Firebase, Cloud SQL, Cloud Functions, Cloud Run, Cloud Scheduler, BigQuery, VPC, Cloud Build, ...
YK Publisher System Cloud Migration	Jan 2024	Mar 2024	2	→ <b>Description:</b> Migrate from single VPS to AWS Cloud  → <b>Tech:</b> Terraform / Docker / AWS ECS, EC2, LB, Global Accelerator
Nursing care insurance billing system	Jan 2023	Dec 2023	20	→ <b>Description:</b> Build & refactor the insurance system in Japan  → <b>Tech:</b> Laravel, VueJS Terraform / Docker / AWS ECS, EC2, LB, Global Accelerator
Finance loan system	Jul 2022	Dec 2022	10	Laravel, VueJS, Terraform / Docker / AWS ECS, EC2, LB, Global Accelerator
TV Ads Analytics (Big Data)	Mar 2021	Jun 2022	10	Ktor (Kotlin), AWS EMR, Firehose, Terraform, Kubernetes
Online Customer Service System	Mar 2021	Mar 2023	10	Laravel, AWS Chime, EC2 ASG, RDS

I've been involved in dozens of client engagements—ranging from quick-turn prototypes to long-running, large-scale production systems. To keep the CV concise I listed only 6 representative "Key Projects" that best illustrate my architectural depth, DevOps skills, and leadership on cross-functional teams.

**Technical Leader / System Engineer / Software Developer**

GMO-Z.COM VIETNAM LAB CENTER / RUNSYSTEM • Full time

04/2014 - 09/2020

GMO Internet Group has inherited and accumulated entrepreneurship (the Declaration) since the Internet business was established in 1995.

**Position:** AM, System Engineer, Software Developer

- Led system design and full-stack development for multiple products.
- Managed on-premise and cloud infrastructure; introduced DevOps practices.
- Served as Bridge SE on-site in Japan, liaising between Vietnamese teams and Japanese clients.

**Key Projects:**

Project	Period	Role	Team	Highlights & Tech
Captain Tsubasa ZERO - Miracle Shot	Oct 2018 - Nov 2019	DevOps / SE	40	CakePHP, Jenkins CI/CD, Rundeck, Ansible, GMO App Cloud – supported 1 million active users
GMO Repeater (Loyalty System)	Jan 2017 - Mar 2018	DevOps / SE	4	FuelPHP, ReactJS, Ansible, Vagrant
GMO-Z.com Cloud Blockchain R&D	Apr 2016 - Dec 2016	DevOps / SE	4	Ethereum, Mijin, RethinkDB, Ansible
National Cinema Booking System	Apr 2014 - Oct 2014	Full-stack Developer	4	ASP.NET, IIS, SQL Server

**EDUCATION****POSTS AND TELECOMMUNICATIONS INSTITUTE OF TECHNOLOGY**

Bachelor: Information Technology

2009 - 2014

**CERTIFICATION****AWS CERTIFIED SOLUTIONS ARCHITECT - ASSOCIATE**

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