TRAN PHUC HOAN

Solutions Architect | DevOps | Cloud Engineer

Web hoantran.name.vn
Location Hanoi, Vietnam
Year of birth 1991

EXECUTIVE SUMMARY

Cloud & DevOps	10+ years in software engineering, with deep expertise in DevOps and cloud platforms, especially **AWS** and **GCP** (Azure also used).
Cloud Architecture	Hands-on with AWS ECS, EKS, EC2, RDS and Big Data services, and GCP Cloud Run, App Engine, Cloud SQL and BigQuery; design scalable, secure, cost-optimised systems.
DevOps Engineering	Kubernetes & Docker, Infrastructure as Code (Terraform, CDK, Ansible) and CI/CD pipelines (GitLab CI, GitHub Actions, Jenkins, CodePipeline).
Versatile Roles	Solutions Architect, Bridge SE, Software Developer and DevOps Engineer; experienced in end-to-end project management.
International	Long-term collaboration with Japanese clients, including on-site work in Japan.

TECHNICAL SKILLS

Cloud Platforms	AWS	**ECS** · **EKS** · **EC2 / Auto Scaling** · **RDS** · ELB · Global Accelerator · EMR · Firehose · Chime · Bedrock
	GCP	**Cloud Run** · **App Engine** · **Cloud SQL** · **BigQuery** · Cloud Functions · Cloud Build · Firebase · VPC
	Other	Azure · GMO Z.com Platform · ConoHa · App Cloud
DevOps	Containers	**Kubernetes** · **Docker / Compose** · Helm
	IaC / Config	**Terraform** · **AWS CDK** · **Ansible**
	CI/CD	**GitLab CI** · **GitHub Actions** · **Jenkins** · **CodePipeline** · Rundeck
Development	Languages	Java · PHP · TypeScript / JavaScript · Kotlin · C# · Python · Go
	Frameworks	Spring Boot · Ktor · Laravel · NestJS · React · Vue.js
	Databases	MySQL (MariaDB) · PostgreSQL · SQLite · MongoDB

LANGUAGES

Japanese · Intermediate
JLPT N3

English · Basic
TOEIC 675

CERTIFICATION

AWS Certified Solutions Architect – Associate
Issued 12/2022

JLPT N3
Issued 07/2018

EDUCATION

Posts and Telecommunications Institute of Technology (PTIT)
Engineer in Information Technology
Graduated 2014

PROFESSIONAL EXPERIENCE

Solutions Architect / DevOps Engineer

10/2020 – Present

PIRAGO VIETNAM CO., LTD. · Full-time

PiraGo was founded in 2018 by a founding team with many years of experience developing IT solutions for large businesses in Japan.

Position: Solutions Architect, DevOps, BrSE

- Designed system architectures and provided technical consultancy to customers.
- Supported 50+ projects: resolved complex production issues and operated 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.
- 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
AI Adoption Program	Jan 2025 – Now	5	2025: researched the GenAI market and how to apply AI across different areas of work. 2026: optimised AI usage in real projects and built an AI Gateway to reduce cost and strengthen security. **Tech:** AI Gateway · Agent harnesses (Claude Code, Codex, Agy) alongside AI editors (Cursor, Windsurf, Cline, Roo-Code) · OpenRouter / AWS Bedrock / Gemini
Smart-Agriculture Platform	Mar 2021 – Now	20	Web/app system that helps farmers manage farming activities across multiple platforms. **Tech:** 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	Migrated from a single VPS to AWS Cloud. **Tech:** Terraform / Docker / AWS ECS, EC2, LB, Global Accelerator
Nursing Care Insurance Billing System	Jan 2023 – Dec 2023	20	Built & refactored an insurance billing system in Japan. **Tech:** Laravel, Vue.js · Terraform / Docker / AWS ECS, EC2, LB, Global Accelerator
Finance Loan System	Jul 2022 – Dec 2022	10	**Tech:** Laravel, Vue.js · Terraform / Docker / AWS ECS, EC2, LB, Global Accelerator
TV Ads Analytics (Big Data)	Mar 2021 – Jun 2022	10	**Tech:** Ktor (Kotlin), AWS EMR, Firehose, Terraform, Kubernetes
Online Customer Service System	Mar 2021 – Mar 2023	10	**Tech:** Laravel, AWS Chime, EC2 Auto Scaling, RDS

I have been involved in dozens of client engagements, from quick-turn prototypes to long-running, large-scale production systems. To keep this CV concise, only representative key projects are listed.

Technical Leader / System Engineer / Software Developer

04/2014 – 09/2020

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

GMO Internet Group has inherited and accumulated entrepreneurship since its 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 / BrSE	40	Supported 1 million active users. **Tech:** CakePHP, Jenkins CI/CD, Rundeck, Ansible, GMO App Cloud
GMO Repeater (Loyalty System)	Jan 2017 – Mar 2018	DevOps / SE	4	**Tech:** FuelPHP, ReactJS, Ansible, Vagrant
GMO-Z.com Cloud Blockchain R&D	Apr 2016 – Dec 2016	DevOps / SE	4	**Tech:** Ethereum, Mijin, RethinkDB, Ansible
National Cinema Booking System	Apr 2014 – Oct 2014	Full-stack Dev	4	**Tech:** ASP.NET, IIS, SQL Server