GIA DUY DUONG
(Harry Tang)

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A highly skilled software developer and cloud engineer holding both **CKAD** and **CKA** certifications, specializes building and managing microservices architectures and deploying them to Kubernetes.

WORK EXPERIENCE

Software architect | Cloud Engineer
Mirasys Oy, 2023 –> Present

* Develop a microservices-based application, set up Azure CI pipelines, and configure FluxCD for automatic deployment on Azure Kubernetes.
* Setup local development for the whole stack in Microk8s

Senior Technology Consultant | Cloud Engineer
DeFiMAX, Remote - Nov 2021 –> 2023

* Built microservices architecture, implemented CI/CD pipelines, and deployed services to self-managed Kubernetes.
* Designed and built GraphQL APIs, integrating with external services such as CMC, Binance.

Senior Backend Engineer, Occupational Safety Representative
Parkman Oy, Finland - Feb 2020 –> Oct 2021

* Designed and implemented microservices architecture, including Billing Service, Notification Service, Product Service, and EventBridge.
* Implemented logging and monitoring using AWS CloudWatch

Senior Full Stack Developer
International Automobile Association Inc, Remote - Feb 2016 –> Oct 2021

* Designed and built front-end and back-end of web applications, including database design and image processing.
* Managed continuous integration and deployment using GitLab CI and Docker.
* Managed cloud infrastructure on AWS and DigitalOcean, including EC2, Route 53, and Private VPN

Chief Technology Officer
GreyNeuron Ltd, Vietnam - Jul 2009 –> Jan 2020

* Worked in a variety of positions (Jounier, Senior, and CTO).
* Led a team of developers and mentored junior developers, ensuring code quality and best practices.
* Worked closely with other teams to deliver features on time and within budget.

SKILLS

CI-CD
Docker/Kubernetes
Linux/UNIX
AWS/Cloud Infra

TypeScript
NodeJS
MySQL
MongoDB
TimescaleDB
PHP
Redis
NATS
GraphQL
ReactJS
HTML/CSS
NextJS/GatsbyJS

Web3
Blockchain
SEO
Headless CMS

Microservices
EventBus
Design Patterns
Clean Architecture

LANGUAGES
English
Mandarin Chinese
Cantonese
Vietnamese

INTERESTS
Chinese Chess
Badminton
Traveling
Movies

EDUCATION

Bachelor of Science – Information Technology
University of Information Technology, *Ho Chi Minh, Vietnam*

Graduated in 2009. Studies concentrated on programming, IT project management, multimedia design, technical planning, and business case analyses. Created working prototypes for a variety of school projects.

FEATURED PROJECTS

DeFiMax.com
Building a DeFi dashboard using **microservices** and **event driven** architecture to assist users in managing their DeFi portfolio and tracking the impermanent Losses/ Gains. Built a k8s HA cluster to host the entire project with different environments (prod and staging).
Techs: GraphQL, MongoDB, Redis, Kubernetes, InversifyJS, TypeScript, Jest, Clean Architecture, NodeJS, TimescaleDB, GatsbyJS, ReactJS, Strapi, NATS Streaming, GitHub Actions.

International-Permit.com
E-commerce website, providing digital/physical Driving Permit document.
Techs: PHP, Yii, MySQL, Docker, GitLab CI, Boootstrap, JQuery, Stripe Payment, Image Processing, AI Background Removing

HositngKernel.com
SSD Hosting website, accepting Bitcoin as crypto payment.
Techs: PHP, Yii, MongoDB, Docker, GitLab CI, Boootstrap, JQuery, Paypal & Bitcoin Payment, DirectAdmin API.