

# HUY DU GIA

## Software Engineer

### PROFILE SUMMARY

Especially passionate about programming, I always desire to explore and be able to create creative things. Extremely motivated to constantly develop my skills and grow professionally day by day

### HONORS AND AWARDS

- 2nd Prize in Provincial Excellent Student Contest for High School (2013)
- Consolation Prize in Olympic 30/4 Contest (2013)
- 1st Prize with Absolute point in Provincial Excellent Student Contest for Secondary School (2010)

### EDUCATION

#### University of Information Technology

BACHELOR OF ENGINEERING  
MAJOR IN INFORMATION SYSTEM | 2020

- Pursued a passion for programming and software development.
- Research and learn more about distributed system.

### LET'S WORK TOGETHER!

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### WORK EXPERIENCE

#### Dwarves Foundation

SOFTWARE ENGINEER  
APRIL 2019 TO PRESENT

- Attend Spring Internship and become a Gopher
- Work in multiple projects simultaneously
- Responsible for overseeing and configuring infrastructure to products and systems of the company

### SKILLS AND EXPERIENCES

- Understanding of data structures and algorithms, OOP
- Strong knowledge of backend development such as microservices, RESTful API, CLI
- Proficient in Git, Docker, Kubernetes, Command Line and Text Editor (Emacs, Vim)
- Experience in provisioning and deploying project into staging and production environment (GCP, K8s on-premise)
- Ability to analyze, design, test and develop in the development products through the software lifecycle, from requirements definition through successful deployment
- Ability to work independently and within groups
- Ability to learn new technologies, read and understand documentation
- Strong problem solver and logical thinking

### PROJECTS

#### CJC Cloud Tool

THE CLOUD PRODUCT MANAGEMENT PLATFORM

- Integrate Google Cloud Services API, Kubernetes Client API to define resources, deployment steps and deployment configurations
- Design deployment flow to automatic deployment process for a complex product, from multiple Kubernetes resource types and Google Cloud Services
- Manage several Google Cloud Services comprising GKE, VPC, GCS, etc. by GCS go-client library
- Create integration test for CI/CD workflow by using Taiko and Gauge

#### ECAL

THE COMMUNICATION PLATFORM FOR THE CALENDAR

- Develop feeds integration from public schedule API or XML file to producers, who want to public their calendar for their consumers
- Manage calendar communications, marketing and data
- Build services to migrate microservices infrastructure from PHP to Golang, using Gin, MongoDB, PostgreSQL

#### SOL

THE TRAVEL LOG IN YOUR POCKET

- Maintain and bug-fix existing application and infrastructure
- Orchestrate and manage the provisioning, dynamic configuring, monitoring and spend optimization of the servers in cloud environments
- Migrate the message streaming from Kafka to Nats

### TECHNICAL TOOLS

- Command Line, Text editor (Emacs, Vim, Vscodex)
- Golang (Intermediate level)
- PostgreSQL, MongoDB, Oracle, MSSQL
- Kafka, Nats, Vault, Consul, Kubernetes, Docker, Helm, Traefik
- Google Cloud Platform