

## OBJECTIVE

- Contributing to the development of the company.
- Working in a professional, dynamic and challenging environment.
- Studying and improving personal skills.
- Accumulating new experience for self-developing.

## EDUCATION

**VIETNAM NATIONAL UNIVERSITY HO CHI MINH CITY,  
UNIVERSITY OF INFORMATION TECHNOLOGY**

**SEP 2016 - SEP 2020**

Major: Communications and Computer Network

## EXPERIENCES

**ACCENTURE VIETNAM | Aug, 2020 - Now**

Role: Cloud Engineer

- Build projects: Review customer requirements and provide solutions then build infrastructure and manage it for customers on cloud providers.
- Build and maintain cloud infrastructure with Terraform by using GitLab-CI.
- Support installation and configuration of necessary applications according to customer requirements on Linux servers.
- Use Chef to deploy some internal applications and use Ansible if needed.
- Fix errors on Linux server when required.
- Responsible for troubleshooting on Alibaba Cloud and Azure Cloud.
- Stand by support application team on Azure DevOps or on their application configuration.
- Support any task required from customer.
- Research and make POC for new services according to customers' requirements.
- Usually create tickets for the cloud provider and work closely with the cloud provider engineer to resolve issues.

**ROBUSTA TECHNOLOGY and TRAINING | Jun, 2019 - May, 2020**


Role: **System Administrator Intern**

- End user support.
- Monitor, manage VMware vSphere system and configure VEEAM to backup VMs as needed.
- Support to rebuild the new system, network for the company
- Attend training courses:
  - Linux LPI 1, Linux LPI 2
  - OpenStack: Install, configure and manage
  - VMware vSphere: Install, configure and manage [v6.7]



# TRẦN HẢI TRÌNH

**CLOUD ENGINEER**

 Jan 26, 1997

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## ABOUT ME

Eager beaver.

I'm an avid learner and love to learn new things. Always try my best to complete the assigned task well.

More than 3 years of experiences in the IT field. Most of the time I work on Linux servers.

I mainly work on cloud providers, such as: Alibaba Cloud, Microsoft Azure.

Have other knowledge about Azure DevOps, Gitlab, Kubernetes, Docker, Terraform, Chef, Python, Bash Shell, OpenStack, VMware vSphere.

## CERTIFICATIONS

- Microsoft Certified: Azure Solutions Architect Expert
- Google Cloud Certified: Associate Cloud Engineer
- Alibaba Cloud Professional

# PROJECTS

## New CRM

- Cloud provider: Alibaba Cloud
- Aim: Deploy and manage infrastructure for new Big Data ecosystem platform on Alibaba Cloud to handle multiple external data sources: Service Account, Mini Program, Legacy CRM, Call Center, Tmall, Message.
- Get the first architecture diagram and requirements from the customer.
- Then discuss and consult with customers, offering more suitable solutions if necessary.
- Redraw the architecture to follow the Landing Zone architecture.
- Update all project information in the LLD (Low Level Design) file. This file includes everything we need to start the build phase: Final architecture, Services detail, IP planning, Firewall rules, etc.
- Deploy and manage infrastructure, manage permission on Alibaba Cloud.
- Cloud Services: ECS, ACK Cluster, RDS, SLB, OSS, Redis, Container Registry, Elasticsearch, Kafka, VPC, E-Map Reduce, NAT Gateway, etc.
- Provide all necessary information to application vendor.
- Install and configure the necessary applications on the Linux server by using Chef.
- Help deploy Datadog on ACK cluster to monitor and fix Prisma alerts if any.
- Responsible for handling all problems that occur during the implementation until the end of the project.

## APOLLO 2.0

- Cloud provider: Azure Cloud
- Aim: Deploy and manage infrastructure for the APOLLO 2.0 platform and using Azure DevOps with Self-host agent to deploy and manage applications.
- The process we took to complete this project is the same as the one above.
- Write Terraform code to deploy infrastructure by using Gitlab-CI.
- Cloud services: Virtual Machine, Virtual Network, Application Gateway, API management, Key Vault, Service Bus, Logic App, App Service Plan, Storage Account, Data Factory, etc.
- I helped solve a lot of problems in this project, such as:
  - Can't create Function App, Function, Logic App, Logic App Workflow etc. Can not use Logic App Terraform code to create Logic App Standard directly if the Storage Account is under selected network.
  - Function App, Logic App is not working properly: Wrong deployment, missing configuration.
  - Unable to connect from Function App, Logical App, Data Factory, APIM with Key Account, Storage Account
  - Can't connect from Logic App Standard to the Storage Account with selected network. Or it is not possible to connect 2 Functions inside a Function App.
  - Usually use the Kudo tool for troubleshooting.
  - Network issues related to missing Routing table, SNG, Firewall Rules on Azure Firewall.
  - Wrong Azure DevOps Pipeline configuration: wrong tasks used, some tasks missing, variables missing.
  - Self-hosted agent issues: Azure CLI, Azure PowerShell, Visual Studio not installed or can't run with wrong version, missing module, not enough permissions etc.
  - Permissions issue related to Service Connection, Service Principal.
  - Using wrong connection method in app code to connect to Azure Service.

## Icornley

- Cloud provider: Azure Cloud
- Aim: There is an application running on AWS Kubernetes, the customer wants to migrate to Azure. So we support to deploy new infrastructure and manage it on Azure.
- The process we took to complete this project is the same as the one above.
- Cloud services: Kubernetes Service, Container Registry, Application Gateway, Storage Account, MySQL, Redis, Virtual Machine.
- Use Azure DevOps to deploy and manage application to Kubernetes cluster.
- I helped solve a lot of problems in this project, such as:
  - Need to switch to us Application Gateway instead of Load Balancer to flowing Landing Zone.
  - The Route Table cannot be automatically updated when the cluster scales out.
  - Issue when try to create new private Kubernetes cluster Environment on Azure DevOps.
  - Manage Identity and Service Principal permission issues.
  - Issue when support to migrate MySQL 5.7 on AWS to MySQL 8.0 on Azure.