



Ngô Gia Huy

Senior Devops/SRE

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OBJECTIVE

With 3 years of experience as a DevOps/SRE and 2 years as a Fullstack Developer, I am adept at collaborating with feature teams and maintaining a comprehensive view of system architecture. Currently seeking a role as a Site Reliability Engineer/DevOps Engineer, where I can focus on enhancing system design and establishing processes to ensure continuous operation and system improvement. For me, designing a system is just the first step; tracking and enhancing the system is where the true value lies.

HONORS & AWARDS

- 2023 • Achieve the "**Rising star**" (Top 5) Award of the year

CERTIFICATIONS

- | | |
|------|--|
| 2023 | • AWS Certified DevOps Engineer – Professional
• Datadog Certified: Log Management Fundamentals
• Certified Kubernetes Application Developer |
| 2022 | • AWS Certified Developer – Associate
• Datadog Certified: Datadog Fundamentals |

EXPERIENCE

- 07/2021 - Current **Datump consulting Company (Onsite for Tyme Group)**

Cloud DevOps

- Designing/Deciding/Optimizing/Maintaining/Improving the Self Managed Kafka/MSK system (achieving 99.99% High Availability SLO and 100% data reliability)
- Designing/Maintaining the central backup for AWS organization (ensuring full compliance with banking backup standards for South Africa and the Philippines.)
- Designing/Deciding/Optimizing/Maintaining Platform Product
 - S3 scanning virus tools with SLA > 99.99%, ensuring fast, reliable, and secure data processing across all AWS storage.
 - Start/stop stack
 - Devops tools (PhpMyAdmin, Auto Patching/DR)
 - Kafka Tools: Burrow, MSK Topics Automation Provisioning, Kafka Ops, Klaw
 - Internal CA
 - MSK Access Cross Region
 - Self-hosted N8n
- Implementing the Landing Zone in multi-tenant account (cross-region, cross accounts)
 - Deploy on-demand some AWS resources: ECS, EC2, RDS, Cloudfront, S3, Lambda, DynamoDB and APIGW,...
 - Setup network cross account: DNS, Route53, Private Link/VPC Peering/Transit GW, ... via Pipeline (using CFN and Terraform)
- Design and execute the DR Automation for the system
- Incident On-call support
- Training the kafka 101

- Designing/Implementing/Maintaining CI/CD (Gitlab) to deploy AWS resources

Site Reliability Engineer

- Based on the Datadog, building the platform product that helps feature teams be able to deploy Datadog resources to monitor their system while still being able to ensure common standards (100% services applied Datadog without any efforts from service teams)
- Based on the existing pipeline to provide Automation Datadog deployment mechanism for the entire system (95% services following common standard and filled full service catalog data)
 - Apply Datadog to service (automation with enabling parameter) (ECS Fargate, ECS on EC2, EC2, Lambda,...) via enabling parameter on pipeline
 - Auto attach service info (Team Owner, Contact Info,...) to Datadog Service Catalog to serve alerts directly to owner team
- Design/implement and manage
 - SSO and Datadog Role
 - Streaming mechanism for Logs/Trace/Event/Metrics on the private network (fully via CFN)
 - Log Pipeline/Log Archive/Log Index/Tracing/Tags/Log Limit/Custom Metrics Standards for all services and can be customized if required (fully via CFN)
 - Alert channel mechanisms (Slack, Jira, Opsgenie,...) (fully via CFN)
 - Mechanism to deploy monitors, dashboard monitor, dashboard,... (all Datadog resources) mechanism via pipeline (using CFN) for managing central standards
- Investigate/Optimize/manage the cost for Datadog and related costs on AWS (more than 70% for streaming log cost)
- Consult/Design/troubleshoot for feature team requirements and issues
 - Building custom metrics/ query/ standard monitors (ECS, EC2, RDS,...)/ RUN dashboard / SLA, SLO,...
 - Design tracing cross AWS account and collecting more metrics using agent check
 - Troubleshoot incident
- Training the Datadog 101

08/2020 - 07/2021

Clik Company

Java Fullstack Developer

- Developed and maintained a furniture production application and a furniture website using Spring boot, React Native and React JS
- Implemented Staff Chatbot (In-house service)

02/2018 - 12/2018

Booking Application (Curricular internship)

Backend Developer - Splus Company

- Maintain and develop new feature for booking application

EDUCATION

10/2016 - 03/2020

FPT University

Major: Software Engineering

FPT University Course (2016-2020)

INTEREST

Travel Food, Esport, Anime and Coffee

CONTACT

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