



LÊ ANH TUẤN

Software Engineer

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Highly motivated software engineering professional with experience in developing, deploying, and maintaining web, mobile, and desktop applications. Skilled in the utilization of various technologies such as Golang, and SQL. Experienced in working in team-oriented software development projects and agile development methodologies. Passionate about developing innovative and efficient software solutions that meet customer needs.

Skills

- **Programming Languages:** Golang
- **Databases:** MySQL, Elasticsearch
- **Tools:** Git, Jira, Postman
- **Shell scripts:** Bash, PowerShell
- **DevOps:** docker, k8s, nomad, consul, jenkins, ansible
- **Network:** wireguard, ovn/ovs

Experience

GHTK – ATAOCLOUD, Ha Noi | Platform Engineer | 05/2024 – Present

Ataocloud provides a robust PaaS (Platform-as-a-Service) solution, enabling customers to create Virtual Machines (VMs). The platform ensures high availability. It also features an integrated marketplace, allowing users to deploy applications such as web servers, WordPress, and other services in just a few steps. The project has been in operation since April 2024 and is currently used in-house at the company. With teamsize around 10 members, It is being developed toward achieving ISO 27017 and ISO 27018 certifications, with the goal of launching commercially in the future.

Achievements/Tasks:

- Researched SDN, storage solution that meet PaaS requirement.
- Worked with partners to design systems and define project flow.
- Developed robust RESTful and gRPC APIs using golang.
- Developed agent to manage Virtual Machine, Network and Storage.
- Developed Datastore implemented storage cluster that increase high availability for VM volume, achieving an SLA commitment of up to 99.95%.
- Developed distributed network system that virtualize private network for VMs and multi router for internet high availability.
- Implemented Integration tests with Hurl to ensure code quality throughout the development process.

VIETTEL CYBER SECURITY - CyM, Ha Noi | Software Developer, SRE | 04/2021 – 04/2024

VCS-CyM is a SIEM (Security Information & Event Management) solution designed to help organizations monitor, analyze, and manage cybersecurity in real-time. The project focuses on collecting, normalizing, and analyzing data from various sources, enabling quick detection and resolution of security threats. The project was executed by a core team of 11 members (including Dev, Tester, BA and PM) in collaboration with an outsourced team of 10 members and QA/QC, NOC departments, ensuring the product's quality and adherence to international standards.

Achievements/Tasks:

- Developed and maintained high-throughput golang applications, improving processing speed up to tens of thousands event per seconds.
- Coporated with a cross-functional team to troubleshoot and resolve critical software issues, minimizing downtime and ensuring application stability.
- Participated in code reviews, analyzing solutions with outsource development team.
- Developed agent by Golang with many feature AutoDiscovery, File integrity monitoring (FIM), PolicyCompliance, FileCollector, EvtCollector.

- Developed AutoDiscovery service which discover applications such as Web server Nginx, Apache, Exchange Mail, etc.. for detecting log source in multi platform Ubuntu, Centos, Windows Server,etc.
- Developed FIM service for real-time monitoring file/folder in linux server by fsnotify library.
- Developed Policy Compliance service which periodically evaluate policy compliance of OS, Web Server(Apache, Tomcat).
- Developed service FileCollector, EvtCollector which collect log file and windows event by using filebeat, winlogbeat library.
- Developed Backend API by Golang and Postgres, Elasticsearch DB.
- Used Bash, Ansible for developed Installation which install application with over 50 microservice on on-premise client server cluster.
- Collaborated with other developers to integrate multiple systems through APIs.
- Built CI and CD pipelines by Jenkins for faster development of software updates and bug fixes.
- Developed user stories and acceptance criteria using Agile methodology.

Personal Projects

REXHOME (06/2021 - 12/2021)

- Developed Backend APIs by Gin-gonic framework (golang), Express(NodeJS) and mongodb.
- Developed simple gitlab CI/CD for automation build code, deployed to test environments.
- Published mobile app to App Store, PlayStore.

TEKOMI (09/2023 - Present)

- Developed IoT Mobile App with gRPC, MQTT, Golang technologies.

Education

Computer Science

Ton Duc Thang University, Ho Chi Minh

2020

Internet of Things

Penang University, Malaysia

2019

Certifications

- TOEIC - 685