Vu Long

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EDUCATION

BACH KHOA UNIVERSITY
Bachelor of Engineering
Control Engineering and
Automation
HCMC - Vietnam
Sep 2013 - Apr 2018
GPA: 8.64 / 10.0

LINKS

Github:// lovung
LinkedIn:// vu-long

SKILLS

PROGRAMMING
Golang • C • Dart • Shell
Python • JS • Vim

TOOLS
git • Docker • Grafana

DB AND PERSISTENCES
MySQL • Redis • Kafka

DEVOPS
Gitlab CI • Github Action •
Kubernetes • CNCF projects

PROJECTS

- Golang clean architecture template
- Date library
- Decimal library
- Challenges
- Simplify debts
- Memcache

AWARDS

2020	Monthly Hero Golang course team MFV
2019	Good Engineer in Year VinID/OneID
2018	Top 15 - ZAChallenge Zalo - VNG
2017	Top 5 Employee of Year Hubble Connected

EXPERIENCES

SHOPEE | Software Engineer
Jun 2021 - Present | Singapore

- Migrating **10+** APIs from Python to Golang also improving the code structure with design pattern, improving the performance to handle **500k+** QPS during Campaign.
- Applied unified caching, saving **millions** QPS to call lower layers. Implementing the flexible rate limiter to block **20k+** spam QPS.
- Applied flexible i18n loading to reduce re-deployments.
- Developing the marketplace features to adapt user behaviors like: Component list, Payment cards, Promotion event sync, etc.

MONEY FORWARD VIETNAM | Senior Backend Engineer
Jul 2020 – May 2021 | HCMC, Vietnam

- Built the Golang Backend Code structure from **scratch** with Clean architecture, linter, unit test, and integration test. Defined the git workflow standard, set up CI/CD workflow.
- Applied the **Bi-temporal** models for Asset Accounting SaaS system. Finished **3 phases** of product with Deprecation as main feature.
- Reviewed CVs. Reviewed the coding challenges. Interviewed the candidates.

VINID / ONEID | Senior Software Engineer then Engineer Manager
Feb 2019 – Jul 2020 | HCMC, Vietnam

- Built from **scratch** the backend services by Golang for Merchant Platform (support Merchant site, Merchant app, OPS site, Integration service, etc.).
- Built from **scratch** Merchant app (MVP version in **2 months**) with Flutter framework. This app was working smoothly with multiple modules and multiple teams. It had **30K+** monthly active users at this moment.
- Defined the git workflow standard, set up CI/CD workflow (for both App and Backend) to work smoothly and fast. It's referred to use by many other teams.
- Interviewed the new Flutter engineers and led Flutter engineers.

ZALO - VNG | Software Engineer
May 2018 – Feb 2019 | HCMC, Vietnam

- Developed the kernel module to capture/monitor networking of the server (like Kubernetes) using C Language.
- Modified OpenSSH service from server-side to track the developer activities via SSH.

HUBBLE CONNECTED | Firmware Engineer
Mar 2017 – May 2018 | HCMC, Vietnam

- Developed and maintained streaming audio (**10k+** sold products), smart home devices (**5k+** sold products) in the IoT team.

SOCIAL ORGANIZATIONS

PROJECT X VIETNAM TECH COMMUNITY | Mentor
May 2022 – Present | Worldwide
A non-profit organization with a vision to create a powerful network that empowers the Vietnamese youths and provides supports to the growing tech startup community.