Bui Quoc Trong

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trongbq.github.io
github.com/trongbq

EDUCATION

FPT University, Hanoi, Vietnam 2012 – 2016
Bachelor of Software Engineering

SKILLS

Languages: Go, Python, Java

Deployment: Docker, Kubernetes

Storages: MySQL, Redis, Elasticsearch

Others: Machine Learning, Java-script/Vue.js

WORK EXPERIENCE

LINE VN (linetech.vn), Hanoi, Vietnam Software Engineer, Aug 2018 – Present

- Received Employee of The Year award
- Designed SaaS platform which is an API Gateway service that works across multiple targeted environments, built core features like authentication, billing, background task processing and deployment workflow. Tech stack: Python, Go, FastAPI, Celery, MySQL, Kubernetes.
- Developed MOOK feature (online magazine on LINE Message) for LINE News project (news.line.me). Tech stack: Java, Spring, MySQL.
- Designed rich image generation flow from single batch to be more effective and supports on-demand image generation, built a rich image generation service component which is used on LINE Bot Message to send to users for weather condition.
- Main in charge of code review, provided coding guidelines/solutions for other team members.

PIXTA VN (pixta.vn), Hanoi, Vietnam Software Engineer, Nov 2016 – Jul 2018

- Worked in development team, later promoted to leader of a team of 3.
- Switched to AI team to build Machine Learning systems including tag detection, object detection, tag translation, gained experience and knowledge of several Machine Learning models and techniques like Linear Regression, CNN, had a chance to use some popular libraries like sklearn, tensorflow, pandans.
- Developed a Ruby on Rails project which is a stock photo service, rewrote entire search query from CloudSearch to Elasticsearch, helped others finding various ideas for their coding issues by taking advantage of Ruby and RoR powerful features.
- Reduced 500Mb memory on indexing of the most important table in the system by choosing index's cardinality precisely.
- Designed and worked with multiple AWS services: Lambda function, S3, DynamoDB, Opsworks.

FPT Software (fpt-software.com), Hanoi, Vietnam Software Engineer Intern, May 2015 – Oct 2015

- Developed a website for managing internal document usages for Japanese client, integrated with map library to detect invalid document views. Tech stack: Java, Spring framework, JQuery.
- Worked on a research project to develop a tool which can convert any projects in COBOL to Java or C#, researched, applied tokenization algorithms and AST to convert COBOL language to targeted languages.

OTHERS

- Passionate with Open-source, made a few contributions to golang/pkgsite, go-sql-driver from time to time.
- Do not have much personal projects on Github, but there are some good ones:
  - Gobusta (github.com/trongbq/gobusta) – a static blog engine
  - Gotodo-server (github.com/trongbq/gotodo-server) – collection some best practices for writing a web server in Go