comte_ken@hotmail.com

www.linkedin.com/in/rammusxu
(LinkedIn)
rammusxu.github.io/ (Blog)

Top Skills

DevOps
Python
Amazon Web Services (AWS)

Languages

Mandarin (Native or Bilingual)
Taiwanese (Native or Bilingual)
English (Professional Working)

Rammus Xu

DevOps Engineer
Taipei, Taipei City, Taiwan

Summary

(I won't reply garage messages or invitation when your profile is unprofessional, it means you are terrible bad as a head hunter)

Devoted to accelerate software development and manage the workflow of continuous integration.

As a DevOps Engineer
- I love to help people and share interesting things to people.
- I love automations.
- I love things well-organized.

Experience

Binance
DevOps Engineer
June 2021 - July 2023 (2 years 2 months)

Experienced DevOps Engineer with expertise in implementing GithubOps on the Elastic Stack. Successfully managed and redefined the lifecycle of ETL pipelines, adopted Kubernetes, and migrated existing EC2/ECS/lambda to Kubernetes. Reduced the time required to launch a new ElasticSearch cluster from 4+ hours to 30 minutes and implemented Infrastructure as Code (IaC) for 400+ pipelines and 30+ ElasticSearch clusters, over 300+ nodes across accounts and regions. Skilled in handling 200+ TB/day of traffic logs.

Technical Skills
Programming languages: Python, Bash, Go
Tools and platforms: Kubernetes, Helm, Elastic Stack, GitHub Action, Flux2, ArgoCD, AWS, Terraform, Elastic Stack, Docker

Achievements
- Managed and redefined the lifecycle of ETL pipelines by adopting Kubernetes and migrating existing EC2/ECS/lambda to Kubernetes.

- Reduced the time required to launch a new ElasticSearch cluster from 4+ hours to 30 minutes.
- Implemented Infrastructure as Code (IaC) for 400+ pipelines and 30+ ElasticSearch clusters, over 300+ nodes across accounts and regions.
- Successfully handled 200+ TB/day of traffic logs.

SWAG
DevOps Engineer
April 2019 - May 2021 (2 years 2 months)
台北市

SWAG Live is a leading global media and entertainment company that produces and distributes premium adult streaming content to worldwide audiences.

Kubernetes:
- Manage multi-cluster cross region.
- Researching multi-cluster communication solution: Istio, Consul, Linkerd, Anthos
- Maintain and optimize service on kubernetes: Nginx, Redis, MongoDB

CICD:
- Build up pipeline with Github Action and Probot. Distribute reusable and reliable components.
- Maintain Slack bot implementing ChatOps.

Monitoring:
- Grafana with Prometheus/InfluxDB 2/Stack Driver
- Elastic APM/RUM

Tencent Cloud: Accerating content delevery to China
- ICP, CDN, Nginx, L4 Loadbalancr

Aliyun: Accerating content delevery to China
- Kubernetes, SLB, EIP

Research:
- GitOps: Flux CD, Argo CD
- Serverless: Cloudflare Worker, Google Cloud Run
- GCP: Interconnect, Cloud Router

Feversocial 發燒互動 (feversocial.com)
Backend Engineer
September 2017 - April 2019 (1 year 8 months)
台北市

Build a convenient platform for someone who doesn't know to code. A platform like wix.com but more especially for Marketing Personnel. People can present their products at social media easily by clicks. Also can attract customers by hosting activities in the platform.

1. Optimize AWS architecture. (Packer + Terraform)
2. Dockerize applications and build CI/CD solutions. (Bitbucket + CircleCI + Lambda + ECS)
3. Develop REST API by PHP, Node.js, Python.
4. Build Gitlab CI and runner with Docker.
5. Build an automated solution to obtain and renew SSL certificates. (Docker + certbot + Let's Encrypt + ACM)
6. Build QA Environments. (Jenkins + kops + kubernetes + helm)
7. Build internal websites with SSL. (kubernetes + cert-manager + helm) (caddy + docker)
8. Build producer-consumer solutions. (go + AWS SQS)

repaas.com 華阜科技
Backend Engineer
July 2016 - August 2017 (1 year 2 months)
台灣 台北市

Build an online POS service of restaurant business and fitness.

1. AWS: EC2, ECS, S3, SQS, SES, IAM, RDS
2. Docker: MySQL, Memcached, Redis, MongoDB, mongodump
3. Develop REST API. (Java, Play Framework)
4. Implement scheduled tasks. (Serverless.js, Node.js, Redis)
5. Implement the e-invoice API.
6. Dockerize and deploy with GitLab CI.

ASUS
Software Engineer
March 2015 - February 2016 (1 year)
台灣 台北市

System & Process Team
Develop automation test system and tools.

1. Maintain Jenkins CI projects.

2. Implement an Android app automated test system. (Python, Bash)

3. Implement REST APIs. (node.js + oracledb + express)

4. Design test report by Bootstrap.

5. Code review with Gerrit.

6. Write Android APP test scenarios. (Robotium, Calabash Framework)

Freelancer
Android Developer (Part Time)
June 2014 - March 2015 (10 months)
台灣 台北市

Develop Android applications.

1. Social App:

a. Optimize user experience of application with UI/UX designer by using
many components.(Actionbar/NavagationBar/Fragment/ViewPager/ListView/
TableLayout/Dialog)

b. Implement calendar function with backend engineer. (Soap)

2. Product Promotion App: Introduce products with images and tables.

3. Chat App: Communicate with GCM and implement backend service by PHP.

研華科技
Software Engineering Intern
September 2013 - February 2014 (6 months)
台灣 台北市

In DQA team.

1. Develop an automated tool for managing test. (C#)

2. Write unit test for testing web page. (Java, Selenium Framework)

Education

國立臺北科技大學 National Taipei University of Technology
大學, Computer Science and Information Engineering · (2009 - 2014)