TIAN PUTRA NUHCAHYA

DEVOPS ENGINEER

SUMMARY

Skilled DevOps Engineer with Linux Server hands-on experience supporting, automating, and optimizing mission critical deployment in several Cloud Providers, leveraging configuration management, CI/CD, and DevOps processes.

PERSONAL SKILLS

- Linux Server
- Kubernetes
- Docker
- Jenkins
- ArgoCD
- Ansible
- Git
- Networking
- Prometheus
- Python
- Bash Scripting
- Amazon Web Services
- Google Cloud Platform
- Alibaba Cloud
- Digitalocean

CONTACT ME

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- ✉️ tianputra33@yahoo.com
- 🔘 https://github.com/PeruvianSkies
- 🌐 https://tianputra.netlify.app
- in https://linkedin.com/in/tian-putra-nuhcahya
- 📍 Perumahan Pondok Lestari B 1 No 10, Karang Tengah, Kota Tangerang, 15157

WORK EXPERIENCE

Senior DevOps Engineer

Jaya Agung Teknologi
Fulltime | July 2021 - Present

- Working with developers to ensure the development process works as intended and running properly, from Dev environment, Staging and live Production.
- Design and implement infrastructure clustering system using Google Kubernetes Engine, Jenkins pipeline for Continuous Integration and ArgoCD for Continuous Delivery with Google Artifact Registry.
- Monitoring log and network performance application using Datadog, Prometheus and GCP Log Management.
- Manage infrastructure team in critical tasks such as production deployment, application patching, and hotfixes in the production environment by develop implement planning.

DevOps Engineer

Meteor Inovasi Digital
Fulltime | Feb 2021 - July 2021

- Working with developers to ensure the development process works as intended and running properly, building and config infrastructure for any application.
- Ensuring microservices cluster or Cloud Server is safe and protected from security threats or disasters.

TechOps Engineer

Freelance
Fulltime | Apr 2020 - Feb 2021

- Writing Dockerfile, Ansible Playbook, Jenkinsfile, Kubernetes Manifest, etc.
- Create CICD Pipeline, monitoring tools like Prometheus & Grafana
- Configuration instance Server at many Clouds Provider or on-premises servers.

EDUCATIONAL HISTORY

PRAMITHA UNIVERSITY TANGERANG

Economic | 2011 - 2014

STP AVIASI JAKARTA

Airport Management | 2008 - 2010

SMA NEGERI 14 TANGERANG

Social Sciences | 2005 - 2008

TRAINING

DUMBWAYS.ID BOOTCAMP TANGERANG

DevOps Engineer | 2020 - 2020

COURSE

Container Kubernetes & OpenShift at Digitalent Kominfo

Cloud Architecture & Kubernetes at GCP Training

PROJECT

Infrastructure Application

ALFAMIND V.3

DevOps Engineer

Tech Stack :

Alibaba Cloud Container Service for Kubernetes (ACK),
Microservices Platform, Kong API Gateway,
Jenkins Pipelines, RabbitMQ, Redis, Minio,
MySQL, MongoDB, Prometheus & Grafana.

NET TV LIVE QUIZ

DevOps Engineer

Tech Stack :

Kubernetes at DigitalOcean,
Microservices Platform, Kong API Gateway,
Jenkins Pipelines, Kafka, Redis,
PostgreSQL, MongoDB, Prometheus & Grafana.

PROJECT

Infrastructure Application

GAMING PLATFORM

DevOps Engineer

Tech Stack :

Google Kubernetes Engine (GKE) Private with
Bastian Control Plane,
Jenkins Pipelines with ArgoCD, AMQP Cloud, Redis Cloud,
CloudSQL, DataDog,
GCP Log Management with Stackdriver Monitoring.

CLOUDBOZ (OPENSOURCE)

DevOps Engineer

Tech Stack :

Kubernetes, Docker Swarm, Ansible,
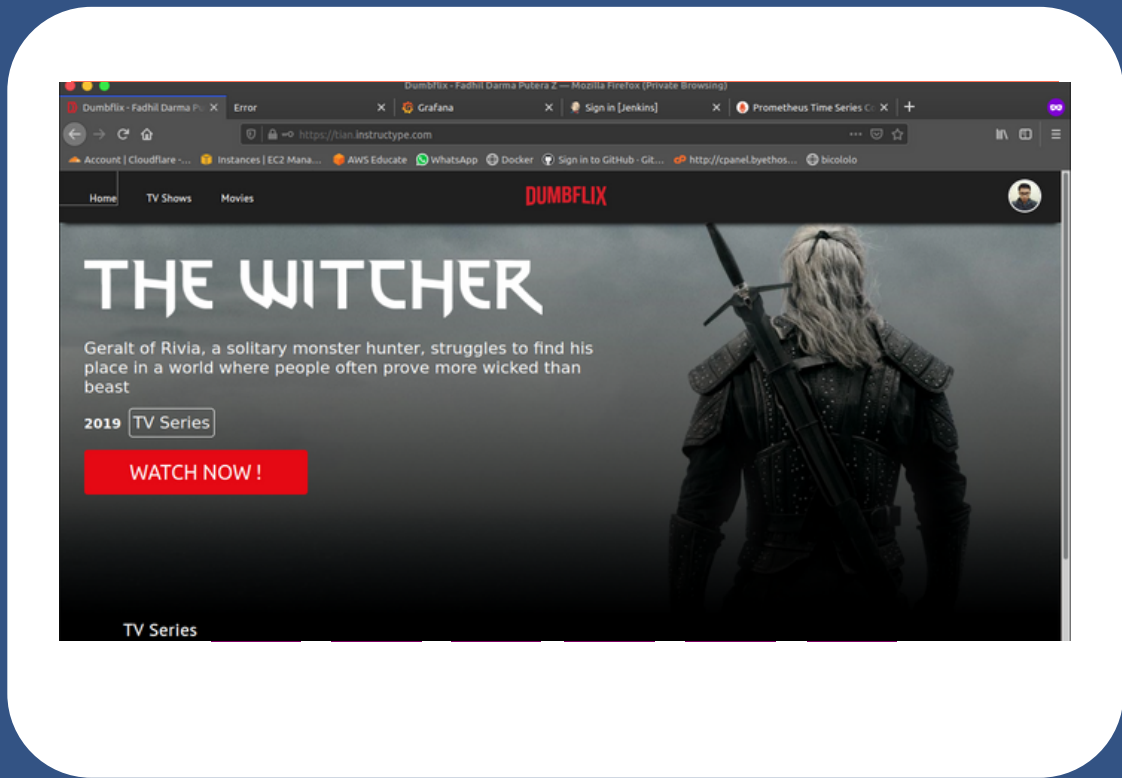Microservices Platform.

DUMBFLIX

Deployment Application

ABOUT APPLICATION

As the movies streaming with many features.
DUMBFLIX lets people discover and enjoy the greatest selection of movies from any source.
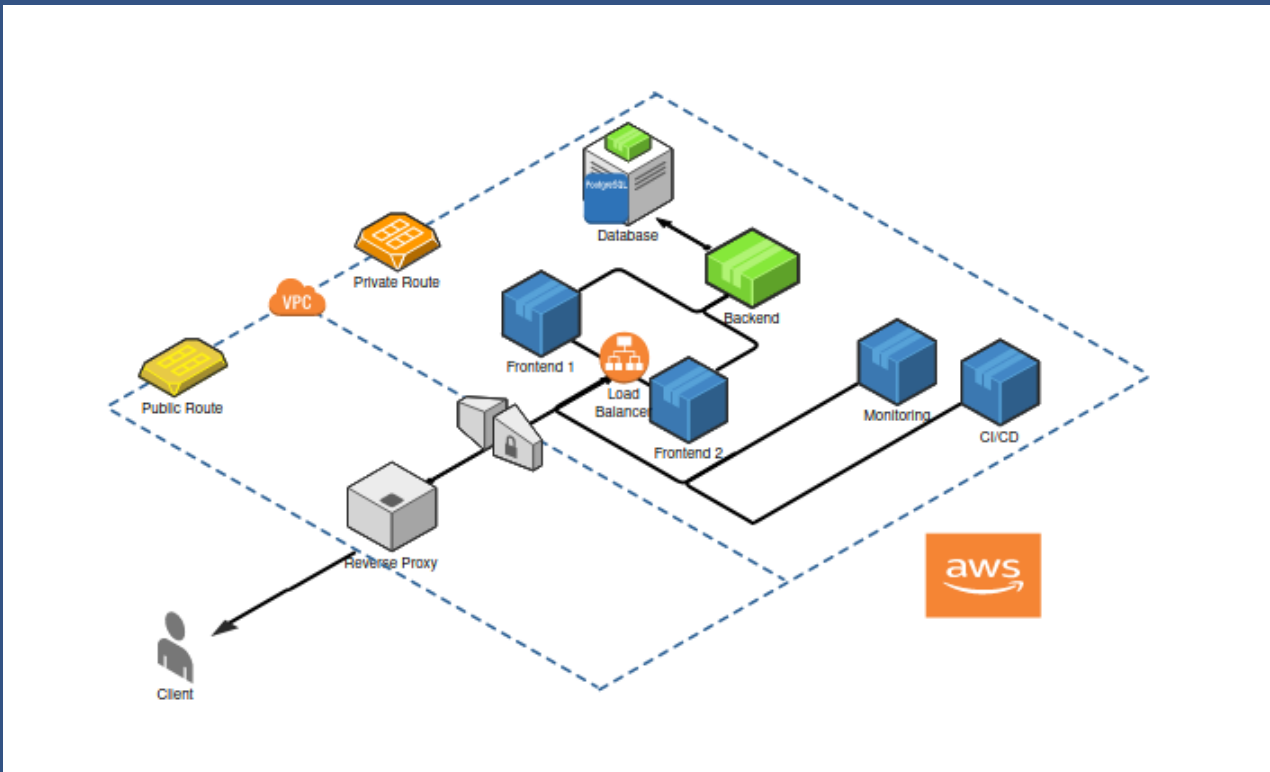This application can be accessed from internet browser or mobile phone.
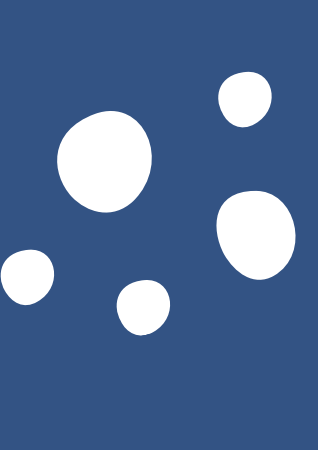
INTRODUCTION

This application uses amazon web server, microservices architecture by implementing load balancing for frontend application and configuring CI/CD using Jenkins.

SERVER ARCHITECTURE

Amazon Web Services (AWS) delivers reliable, scalable and cost-effective computing resources on which to host applications.

"The most powerful tool we have as developers is automation."
Scott Hanselman

JENKINS JOB

This project using a freestyle Jenkins which will trigger when there is a change in the Github repository.

| SSH Server			SSH Server			SSH Server	
Name	frontend2		Name	frontend1		Name	backend
Hostname	172.31.200.75		Hostname	172.31.200.127		Hostname	172.31.200.203
Username	fe2		Username	fe1		Username	be
Remote Directory	/home/fe2		Remote Directory	/home/fe1		Remote Directory	/home/be
☑ Use password authentication, or use a different key			☑ Use password authentication, or use a different key			☑ Use password authentication, or use a different key	

JENKINS CONSOLE OUTPUT

🔵 Console Output

```
Started by GitHub push by PeruvianSkies
Running as SYSTEM
Building in workspace /var/jenkins_home/workspace/dumbflix-frontend
The recommended git tool is: NONE
using credential fe1
 > git rev-parse --is-inside-work-tree # timeout=10
Fetching changes from the remote Git repository
 > git config remote.origin.url git@github.com:PeruvianSkies/dumbflix-frontend.git # timeout=10
Fetching upstream changes from git@github.com:PeruvianSkies/dumbflix-frontend.git
 > git --version # timeout=10
 > git --version # 'git version 2.11.0'
using GIT_SSH to set credentials
 > git fetch --tags --progress -- git@github.com:PeruvianSkies/dumbflix-frontend.git +refs/heads/*
 > git rev-parse refs/remotes/origin/production^{commit} # timeout=10
Checking out Revision f600706bdb82bf55ba245e9e25855c5b144d2140 (refs/remotes/origin/production)
 > git config core.sparsecheckout # timeout=10
 > git checkout -f f600706bdb82bf55ba245e9e25855c5b144d2140 # timeout=10
Commit message: "test cicd"
 > git rev-list --no-walk 8961a46e72b687981783b04af56dbf10d8b90453 # timeout=10
No emails were triggered.
SSH: Connecting from host [bde44ea38fd3]
SSH: Connecting with configuration [frontend1] ...
SSH: EXEC: completed after 160,140 ms
SSH: Disconnecting configuration [frontend1] ...
SSH: Transferred 0 file(s)
SSH: Connecting from host [bde44ea38fd3]
SSH: Connecting with configuration [frontend2] ...
SSH: EXEC: completed after 111,296 ms
SSH: Disconnecting configuration [frontend2] ...
SSH: Transferred 0 file(s)
Build step 'Send files or execute commands over SSH' changed build result to SUCCESS
Sending e-mails to: dumbflix01@gmail.com
Email was triggered for: Always
Sending email for trigger: Always
Request made to compress build log
Warning: noreply@github.com is not a recognized user, but sending mail anyway
Sending email to: noreply@github.com dumbflix01@gmail.com
Finished: SUCCESS
```

🔵 Console Output

```
Started by GitHub push by PeruvianSkies
Running as SYSTEM
Building in workspace /var/jenkins_home/workspace/dumbflix-backend
The recommended git tool is: NONE
using credential be
 > git rev-parse --is-inside-work-tree # timeout=10
Fetching changes from the remote Git repository
 > git config remote.origin.url git@github.com:PeruvianSkies/dumbflix-backend.git # timeout=10
Fetching upstream changes from git@github.com:PeruvianSkies/dumbflix-backend.git
 > git --version # timeout=10
 > git --version # 'git version 2.11.0'
using GIT_SSH to set credentials
 > git fetch --tags --progress -- git@github.com:PeruvianSkies/dumbflix-backend.git +refs/heads/*:r
 > git rev-parse refs/remotes/origin/production^{commit} # timeout=10
Checking out Revision 390d629f1191c492cbd90266e2163547da505ec5 (refs/remotes/origin/production)
 > git config core.sparsecheckout # timeout=10
 > git checkout -f 390d629f1191c492cbd90266e2163547da505ec5 # timeout=10
Commit message: "test notif"
 > git rev-list --no-walk 8878ac2b8f2e2ed023a9b9ddd0c29d91f4f7510c # timeout=10
No emails were triggered.
SSH: Connecting from host [bde44ea38fd3]
SSH: Connecting with configuration [backend] ...
SSH: EXEC: completed after 16,814 ms
SSH: Disconnecting configuration [backend] ...
SSH: Transferred 0 file(s)
Build step 'Send files or execute commands over SSH' changed build result to SUCCESS
Email was triggered for: Always
Sending email for trigger: Always
Warning: noreply@github.com is not a recognized user, but sending mail anyway
Sending email to: noreply@github.com dumbflix01@gmail.com
Finished: SUCCESS
```

SERVER MONITORING

Using Grafana with Prometheus/node_exporter metrics
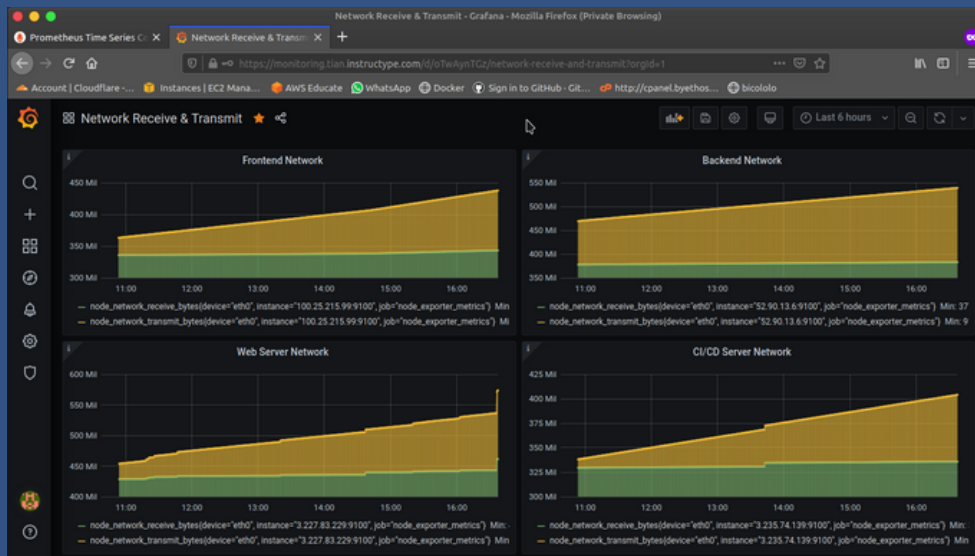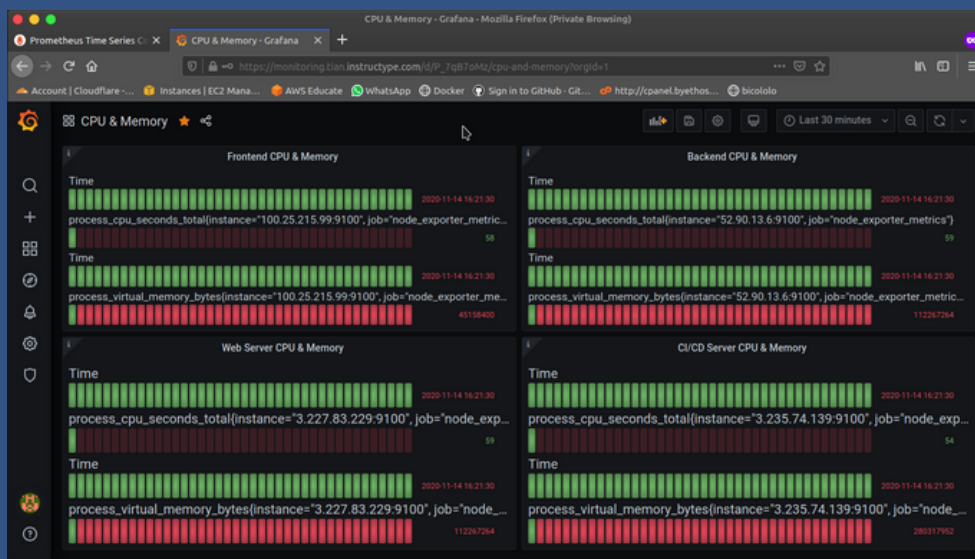
TOOLS

Automation

ANSIBLE

Containers

docker

Web Servers

NGINX

Apache

CI / CD

Jenkins

CERTIFICATE GRADUATION

awarded to

TIAN PUTRA NUHCAHYA

Who has succeeded and passed **Bootcamp**
in the **DevOps Engineer** class

EGA RADIEGTYA
CEO & Trainer Dumbways.id

ISGI ARRIZA
Assistant Trainer Dumbways.id

PRO Professional Academy

SERTIFIKAT PELATIHAN
0970975111-34/DTS/BLSDM.KOMINFO/06/2021

Badan Penelitian dan Pengembangan Sumber Daya Manusia
Kementerian Komunikasi dan Informatika Republik Indonesia
menyatakan bahwa:

Tian Putra Nuhcahya

Telah mengikuti Pelatihan Container, Kubernetes & OpenShift
Program Professional Academy - Digital Talent Scholarship sebagai Peserta
mulai 17 Maret 2021 sampai 30 April 2021

Jakarta, 30 April 2021,
Kepala Badan Penelitian dan Pengembangan Sumber Daya Manusia
Kementerian Komunikasi dan Informatika

Sertifikat ini dapat
diverifikasi pada QR Code

Dr. Hary Budiarto, M.Kom.

THANK YOU