



# TIAN PUTRA NUHCAHYA

## DEVOPS ENGINEER

### PERSONAL SKILLS

- Linux Server
- Docker
- Jenkins
- Ansible
- Git
- Networking
- Prometheus
- Python
- AWS

### CONTACT ME

☎ 082120320330

✉ tianputra33@yahoo.com

🌐 <https://github.com/Peruvia nSkies>

🌐 <https://tianputra.netlify.app>

🌐 <https://linkedin.com/in/tian-putra-nuhcahya>

📍 Jl Zamrud Grogol Utara,  
Kebayoran Lama  
Jakarta Selatan, 12210

### SUMMARY

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

### WORK EXPERIENCE

#### DevOps Engineer

Meteor Inovasi Digital

Fulltime | Feb 2021 - Present

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

#### Customers Relations Officer

PT Adira Dinamika Multi Finance

Fulltime | Apr 2018 - Apr 2020

- Conduction survey assignment for NDS (Non Dealer Sales) and selling some NDS product
- Expanding NDS orders through channels, institutions or community organizations

#### Marketing Specialist

PT Sinqe Material Indonesia

Fulltime | Jul 2014 - Oct 2017

- Brainstorm and develop ideas for creative marketing campaigns
- Undertake individual tasks of a marketing plan as assigned

#### Assistant Group Head

PT Blue Bird Group

Fulltime | Apr 2012 - Mar 2014

- Estimate damaged car with analyze report and managed mechanic working hours

### EDUCATIONAL HISTORY

#### PRAMITHA UNIVERSITY TANGERANG

Economic | 2011 - 2014

#### STP AVIASI JAKARTA

Airport Management | 2008 - 2010

#### SMA NEGERI 14 TANGERANG

ESocial Sciences | 2005 - 2008

### TRAINING

#### DUMBWAYS.ID BOOTCAMP TANGERANG

DevOps | 2020 - 2020

### COURSE

CISCO CCNA & NETWORK AUTOMATION at Aguna Course

DOCKER, PYTHON, HTML & CSS at Codepolitan

# DUMBFLIX

*Deployment Application*

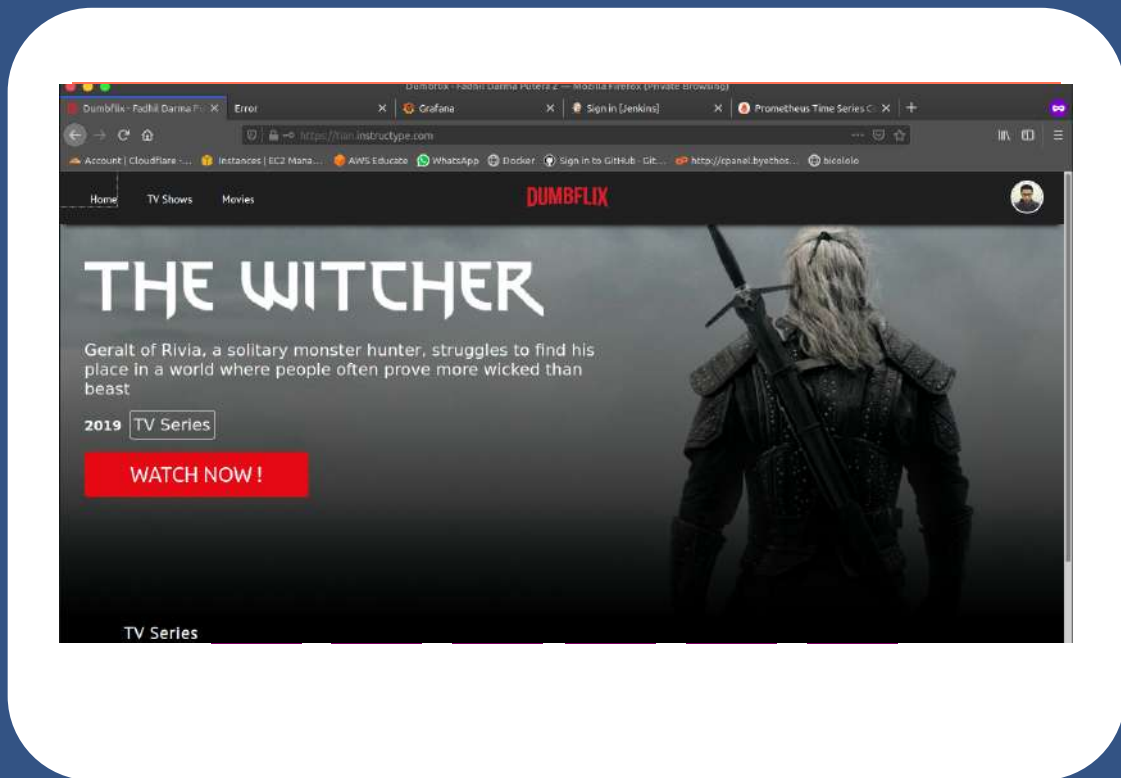
## **ABOUT APPLICATION**

As the movies streaming with many features.

DUMBFLIX lets people discover and enjoy the greatest selection of movies from any source.

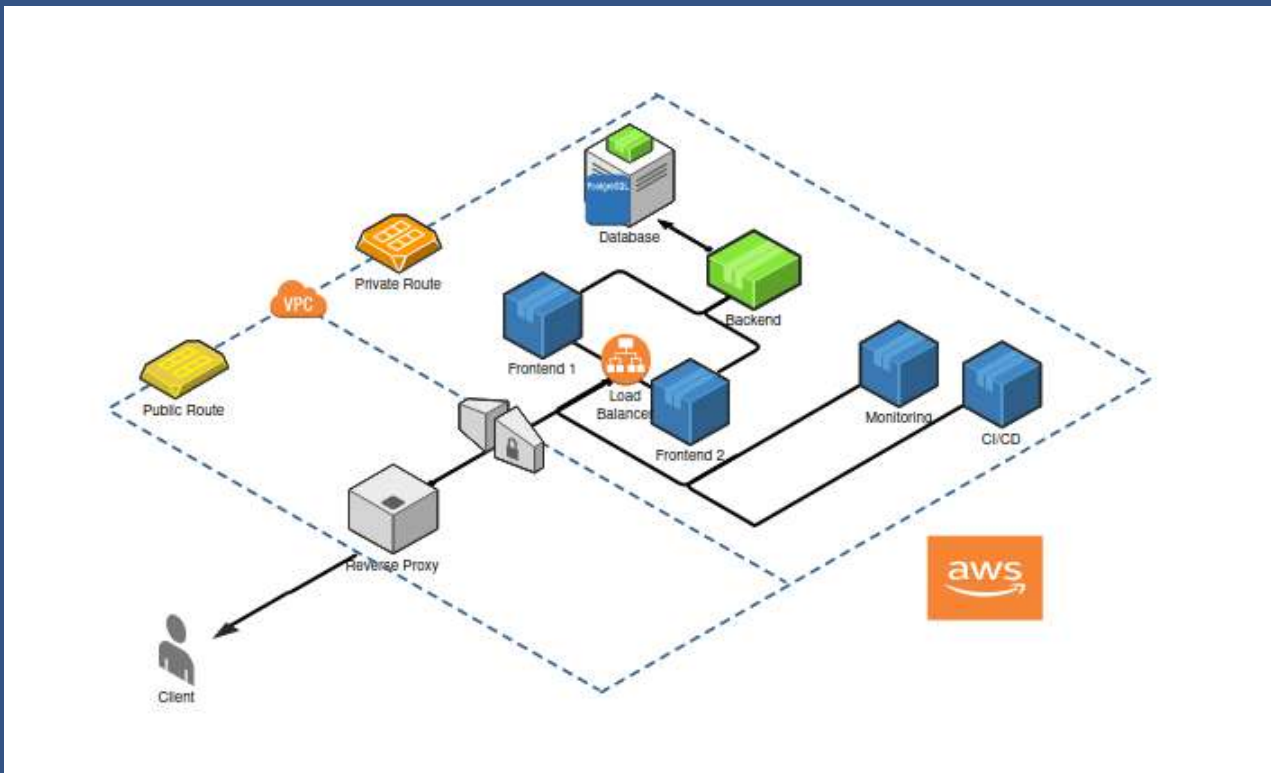
This application can be accessed from internet browser or mobile phone.

# 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.

<b>SSH Server</b>	<b>SSH Server</b>	<b>SSH Server</b>
Name	Name	Name
frontend2	frontend1	backend
Hostname	Hostname	Hostname
172.31.200.75	172.31.200.127	172.31.200.203
Username	Username	Username
fe2	fe1	be
Remote Directory	Remote Directory	Remote Directory
/home/fe2	/home/fe1	/home/be
<input checked="" type="checkbox"/> Use password authentication, or use a different key	<input checked="" type="checkbox"/> Use password authentication, or use a different key	<input checked="" type="checkbox"/> 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 fel
> git rev-parse --is-inside-work-tree # timeout=10
> git --version # timeout=10
> 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/*: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
```

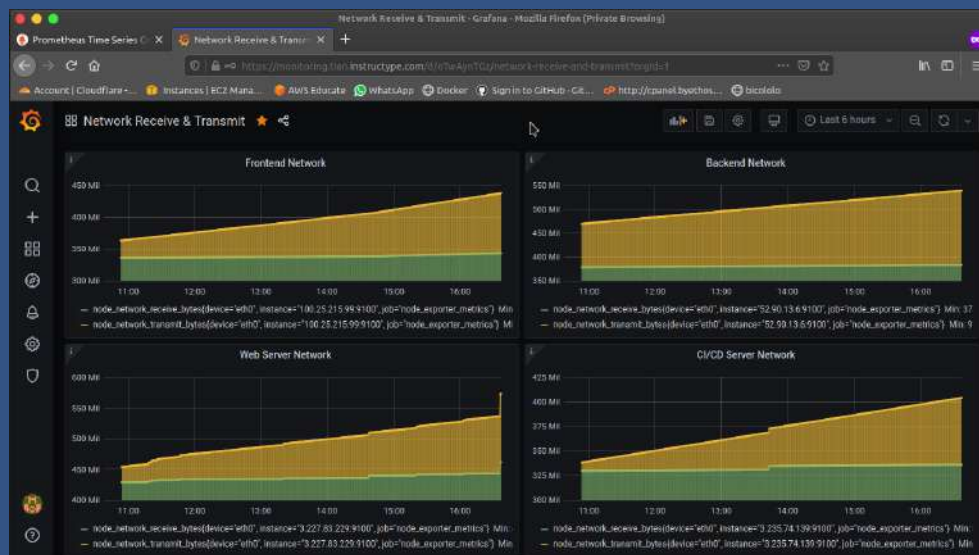
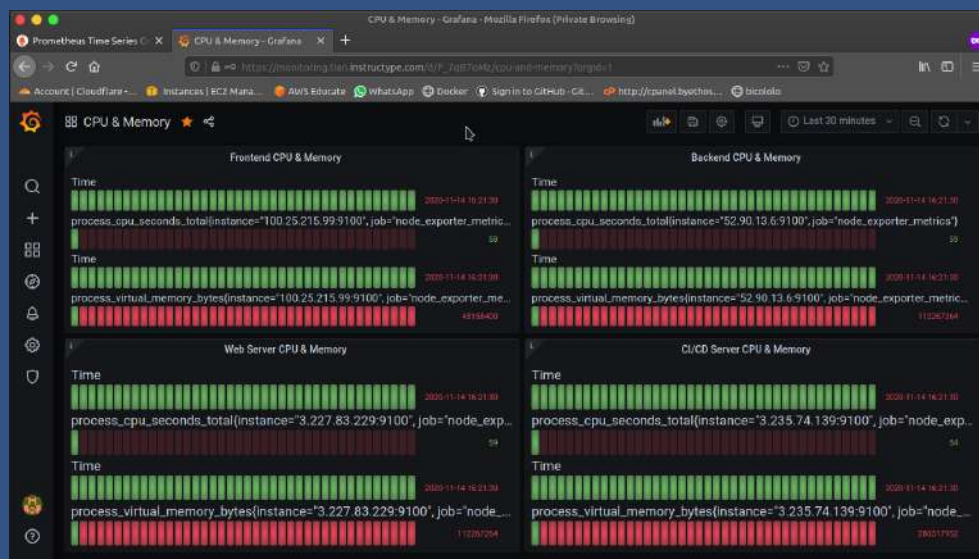
### Console Output

```
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
> git --version # timeout=10
> 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/*:refs/heads/*
> 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





**THANK YOU**





DIGITAL  
TALENT  
SCHOLARSHIP



Red Hat

**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



Dr. Hary Budiarto, M.Kom.

Sertifikat ini dapat  
diverifikasi pada QR Code





## CERTIFICATE GRADUATION

awarded to

**TIAN PUTRA NUHCAHYA**

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

A black ink signature of EGA RADIEGTYA.

**EGA RADIEGTYA**

CEO & Trainer Dumbways.id



A black ink signature of ISGI ARRIZA.

**ISGI ARRIZA**

Assistant Trainer Dumbways.id