

CURRICULUM VITAE



PERSONAL DETAILS

Full Name : Achmad Renald Niswady
Current Address : Kalideres, Cengkareng – Jakarta Barat, Indonesia
E-Mail : me@renaldre.name
Religion : Catholic
Sex : Male
Weight : 65 kg
Height : 175cm
Marital Status : Married
Citizen : Indonesian
Language : Indonesian, English

PROFESSIONAL SUMMARY

- Over 10+ years of experience in IT industry comprising of Linux System Administration, Network Infrastructure, DevOps Engineering and in automating build-release-deploy of code to servers by adopting DevOps practices.
- Experienced with various cloud service platforms such as Amazon Web Service(AWS), Google Cloud Platform(GCP), and Alibaba Cloud.
- Experienced with Continuous Integration (CI) and Continuous Deployment (CD) in runtime with various tools like Github, GitLab, Bitbucket, Maven, Jenkins, Drone.io, Spinnaker
- Experienced on Alibaba Cloud Container Service for Kubernetes (ACK), Google Kubernetes Engine (GKE)
- Familiar with Source Code Management tools Subversion
- Good knowledge on source controller concepts like Branches, Merges and Tags.
- Good knowledge in version control system such as GIT and SVN.
- Automating the application deployment in Dev, Staging, and Production environments.
- Hosting and maintaining GitLab and Debugging issues if there is any failure in broken GitLab build.
- Maintaining Bitbucket and Debugging issues if there is any failure in broken Bitbucket build.
- Configure CI/CD on Bitbucket, Gitlab, Github.
- Having extensive knowledge on working with Linux/Unix System.
- Good in troubleshooting the bugs generated during build and release.
- Actively involved in various project requirement analysis in addition to project development.

TECHNICAL SKILLS

Cloud Environments

- AWS
- GCP
- AliCloud

Container Tools

- Kubernetes
- Docker

API Gateway

- Kong API Gateway
- Apache APISIX

Database System

- Microsoft SQL Server
- MySQL/MariaDB Server
- PostgreSQL
- MongoDB
- ArangoDB

NS & DNS System

- BIND
- PowerDNS
- Unbound

FTP System

- VSFTPD
- ProFTPD
- PureFTPD

Mail Server System

- Zimbra Collaboration Suite
- Linux Mailserver with Dovecot, Postfix, Squirrelmail/Roundcube
- OS X Server (Macintosh)

Web Hosting System

- cPanel
- zPanel
- ISPConfig 3
- Plesk
- VestaCP

Web Server Software

- Apache (Linux/Unix Platform)
- Nginx (Linux/Unix Platform)
- IIS (Windows Platform)
- Apache Tomcat
- Oracle Glassfish

Operating Systems

- Microsoft
- Linux
- Unix - FreeBSD

Networking

- Subnetting / IP addressing / Routing
- Mikrotik
- DHCP
- DNS

PBX / VoIP System

- MyPBX
- AsteriskNOW
- Elastix

Backup System

- Amanda Backup
- Bacula
- Bareos (Bacula Fork)

Monitoring

- Cacti
- Icinga
- Nagios
- Mikrotik The Dude
- Zabbix
- Netdata
- Prometheus-Grafana Stack
- Newrelic

Virtualization System

- KVM/Qemu
- Xen

Fax Server System

- Hylafax with AvantFax (Linux Platform)

Storage System

- NFS
- iSCSI
- GlusterFS

SCM

- Git
- GitLab
- GitHub
- Gitea
- Bitbucket
- Subversion

Other

- Remote Support (VNC/TeamViewer/RustDesk)
- Microsoft Office
- Jupyter Notebook
- Apache Airflow

Scripting

- Bash
- YAML
- JSON

Build Tools

- Maven
- Ant
- Go

Automation Tools

- Ansible
- Terraform

Cloud Environments

- AWS
- GCP
- AliCloud

- Proxmox
- VMWare
- Oracle VirtualBox
- OpenStack
- Docker
- Vagrant

SMS Gateway System

- Gammu-SMSD
- SMSTools3
- PlaySMS – Frontend

CCTV Monitoring System

- ZoneMinder (Linux)
- SecuritySpy (OS X)

Load Balancing

- Haproxy

Proxy

- Squid Proxy

VPN

- OpenVPN
- SSLVPN
- IPSec / IKEv2
- Wireguard

Log Management

- Elasticsearch-Logstash-Kibana (ELK) Stack
- Opensearch (ELK Fork)
- Graylog2

Code Quality and Code Security

- Sonarqube

Secrets Management

- Hashicorp Vault

Artifact Repository

- Nexus

WORKING EXPERIENCES

2023 – Now : DevOps Lead at PT Pakar Digital Global, Jakarta (paper.id)

Duties :

- Initiate and lead team discussions about Configuration Management, build and release architecture.
- Design procedures for system troubleshooting and maintenance.
- Perform root cause analysis for production errors.
- Tune and configures servers and containers appropriately as needed.
- Conduct research related to new initiatives.
- Collaborate with Engineering team to understand requirements, propose changes, and gain alignment to drive continuous improvement and automation into the SCM and CI/CD processes.
- Maintain solution release notes and other collateral related to solution releases.
- Engage in on-call participation to assist team on daily task basis.
- Supervision IT GRC (Governance, Risk and Compliance) for compliance related to ISO 27001(2022), PCI-DSS, PIAS

2021 – 2023 : DevOps at PT Pasar Dana Pinjaman, Jakarta (danamas.co.id)

Duties :

- Manage all services Alibaba Cloud environment (vpc, slb, ecs, rds, oss, redis, ack etc.)
- Automate the build Process Using GitLab-Maven, Bitbucket-Go
- Participation in project scoping, requirements reviews, and technical discovery efforts.
- Used JIRA to keep track of all the ongoing tasks and maintain bug resolutions.

2021 – 2023 : ISMS Coordinator (ISO 27001:2013) at PT Pasar Dana Pinjaman, Jakarta (danamas.co.id)

Duties :

- Responsible for maintaining the implementation of Information Security Management System (ISMS). ISO 27001 Certification are mandatory from the Financial Services Authority (OJK)

2020 – 2023 : Network Infrastructure Manager at PT Pasar Dana Pinjaman, Jakarta (danamas.co.id)

Duties :

- Manage all server (VM) on Private Cloud (Openstack Based and VMWare Based).
- Manage Network and Infrastructure (Office, CallCenter, DRC)
- Manage VPN Connection (IPSec Tunnel) with 3rd-Party to setup Host-to-Host system.
- Participation in project scoping, requirements reviews, and technical discovery efforts.

2018 – 2020 : Senior System Administrator at PT Pasar Dana Pinjaman, Jakarta (danamas.co.id).

Duties :

- Manage all of the server and project (Java based web application) and load balancing tomcat with clustering session.

- Running all basic common system administration task to make sure all web-services are fully operational.

2016 – 2018 : System Administrator at PT Gajah Merah Terbang, Jakarta (kincir.com)
Duties : Running a basic common task system administration to make sure all web-services are fully operational.

2013 – 2016 : System Administrator at PT Orion Cyber Internet, Jakarta
Duties : Manage all of the server infrastructure (DNS, Web Hosting, SMTP, Mail, VoIP, VPN, etc), also maintaining Tier-II Datacenter operational (for client who use our colocation services).

July 2013 : Freelance Server Operator and Technical Support at IeSPA event : CS:GO Gamers Night by id-PrimeGames @Level-1 - Binus, Jakarta

May 2010 : Installation, Network Setup and Technical Support for DG Chambers Game Center, Sunter

2007 – 2021 : System Administrator for Vivagamers.com - Counter-Strike 1.6 Linux Game Server Powered by : PT. Orion Cyber Internet, Jakarta

EDUCATIONAL BACKGROUNDS

2007 – 2013 : Bina Nusantara (Information System), Jakarta
2004 – 2007 : Graduated from (SMA St. Kristoforus II), Jakarta
2000 – 2003 : Graduated from (SMP San Marino), Jakarta
1994 – 2000 : Graduated from (SD San Marino), Jakarta

ADDITIONAL SKILL

1. Linguistic capabilities (i.e. fluency in a English, ability to translate)

FINISHED PROJECTS

1. Zimbra Collaboration Suites Mail Server Migration from 32-Bit to 64-Bit System on orion.net.id.
2. Cacti Monitoring System Migration from 32-Bit to 64-Bit System on orion.net.id.
3. Migration of MyDNS Name Server to PowerDNS Authoritative using Custom BASH Script on orion.net.id.
4. Implementing Full CCTV Monitoring with IPCamera on Mac Mini Server (Using SecuritySpy) and Linux Server (Using ZoneMinder Open Source Software) on orion.net.id.
5. DNS Filtering (As Law No.36 of 1999 on Telecommunications Article 21 and Regulation of the Minister of Communications and Information Technology of Indonesia No. 19 2014) using BIND, PowerDNS, and Unbound DNS System on orion.net.id (<http://www.trustpositif.kominfo.go.id/>)
6. Implementing Monitoring System using Zabbix for kincir.com infrastructure servers.

7. Implementing Backup System for kincir.com infrastructure servers using Bareos Open Source Data Protection.
8. Implementing Load-Balancer using Haproxy and Content Delivery Network (nginx) for distributing loads on www.kincir.com
9. Implementing Centralized Logs Server using Graylog-MongoDB-ElasticSearch
10. Implementing Proxmox Cluster for High-Availability with CEPH Backend for Distributed Storage System using ZFS and XFS Filesystem.
11. Implementing centralized session manager for Tomcat cluster with memcached
12. Implementing High-Availability using Corosync-Pacemaker for danamas.co.id
13. Setup Network Infrastructure for Danamas Operational Office (Router, Switch, APs).
14. Implementing Point in Time Recovery for PostgreSQL database backup system using Barman. (danamas.co.id)
15. Setup Network Infrastructure for Danamas CallCenter (Semarang).
16. Setup DC-DRC and Annual Test as part of requirement for ISO 27001:2013 Audit Certification (danamas.co.id)
17. Setup Monitoring Solution (Zabbix + Grafana) for IT and Operation to monitor data. (thinclient approach using 1 server and 4 raspberry pi, display it on 8 monitor) (danamas.co.id)
18. Setup Microservices Infrastructure using combined tools such as Kubernetes, Docker, GitLab, Kong API-Gateway, Nexus Repository, Sonarqube as part of monolithic to microservices migration plan. (danamas.co.id)
19. Implementing Centralized Logs Server using ELK Stack to help developer monitor applications log.
20. Setup Tableau Server to support Data Team for creating Data Analytics and Business Intelligence.
21. Migrating CI/CD Pipelines from Jenkins to Github Action and Applying Reusable Workflows. (paper.id)
22. Integrating Sonarqube to CI Pipelines to improve "Clean Code" and "Code Coverage" as part of Unit Test steps. (paper.id)
23. Setup DORA (DevOps Research and Assessment) Metrics with Apache Devlake as part of DevOps Standard and Collaborate with Engineering Team. (paper.id)

Sincerely yours,
A. Renald Niswady