Dwi Mursito

CLOUD COMPUTING SPECIALIST
"Keep Learning and Innovate to Build Useful Future Technologies"

EXPERIENCE

PT Kaagro Indonesia Global,
— *Cloud Architect*

Jan 2022 - Present

Research new solutions and innovation for existing systems to be more effective, efficient, integrated and easier. Create a mindmap, a system roadmap, a gap analysis and cost benefit analysis to submit to CTO. Analyze stakeholders needs then create a software specification requirements (SRS) according to the system architecture e.g. monolith, microservices. Determine a tech-stack such as programming language, database, software-security, so on. Draw wireframe-flow using Draw.io or Balsamiq. Coordinate with the Product Owner to arrange a timeframe. Present the design to the development team.

— *Cloud Engineer*

Jan 2020 - Dec 2021

Create a conceptual and high-level design for execution and fill in, then also to present to CTO. Research differs workflows, approaches and tools to applying in DevOps team in the future to get more effective, efficient and more impacted positively for organization.

PT Kreasi Alam Teknologi,
— *DevOps Engineer*

Jan 2018 - Dec 2019

Setup configuration provisioning to existing/new cloud server AWS-GCP uses Ansible & Terraform. Setup code pipelining uses Jenkins for CI/CD processes from self-hosted Gitlab to Testing-Staging-Production server. Monitoring several servers using Zabbix/Grafana-Prometheus on CentOs server.

CV Greenhole Technology Solution,
— *DevOps Engineer*

Jan 2017 - Dec 2017

Analyze system requirements for single or multiple platforms e.g. web-mobile-desktop app, ERP & API. Design flowcharts, use-case diagram, database model diagram and landscape server. Setup configuration provisioning to existing/new cloud server AWS-GCP.

BIO

35 years old
October 9, 1987
Father of 3 daughters

CONTACT

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https://www.github.com/moersito
https://moersito.github.io

SKILLS

 # Programming:
PHP, HTML, Javascript, JQuery, C# .NET MVC, Python, C++, Java, SVN, GIT, Bash-Script, Codeigniter, NodeJs, Arduino

 # Database:

MySQL, PostgreSQL, SQL Server, Oracle 11G XE, MongoDB, Redis

 # OS Desktop:

Windows, Ubuntu, Debian, Kali, LinuxFx, Zorin, MacOS

 # OS Server:

Windows Server 2012 R2, Ubuntu Server, CentOS, Debian Server

 # Networking:

Mikrotik, VPN, DNS, Network-Segment, NAT

Setup code pipelining uses Jenkins for CI process to Development Server, for CD process to Staging or Production Server from self-hosted Docker Registry.

CMA CGM,
— Senior Full Stack Developer

Jan 2014 - Dec 2016

Design and develop web & desktop app using C# .NET MVC with DevExpress framework, SQL Server 2012 for users in several countries such as Indonesia, Malaysia, Cambodia, Viet Nam, Thailand, Singapore, Philippine, India, France.

PT Wonokoyo Jaya Corporindo,
— Full Stack Developer

Oct 2012 - Dec 2013

Design and develop a web app (PHP Codeigniter, Bootstrap), custom ERP software (Windows Dynamic AX, OpenERP/Odoo 8.0), bash-scripts, desktop app, Oracle 11G XE, PostgreSQL.

PT Mitra Unggas Sejati,
— Full Stack Developer

Sep 2012 - Aug 2013

Develop web applications using PHP (native, Yii, Symphony, Codeigniter), HTML, Javascript, CSS, Web Server (Apache2, IIS), MySQL, DBF etc.

— System Administrator

Sep 2011 - Aug 2012

Setup computer networking, windows and linux server, file sharing, VPN. Monitoring, re-configuring apps environments.

EDUCATION

Muhammadiyah University of Gresik,
— Bachelor of Informatics Engineering / Computer Science

Jul 2007 - 2012

Learned programming languages, databases, artificial intelligence, computer networking, designs & multimedia, etc.

 # Server:

Apache2, Nginx, HaProxy, OpenStack, NextCloud, NAS, AWS, GCP, AlibabaCloud, Proxmox, CloudStack, CloudLinux, Zimbra, Docker, CPanel, Plesk, Webmin-Virtualmin, VPS, Colocation, Dedicated, Flat-Rack & Tower Rack Hardware Server Design, Kubernetes, Travis CI/CD, Jenkins CI/CD, Ansible, Terraform, Github Actions, CDN

 # ERP:

Ms Dynamics AX, SAP B-One, SAP ECC MM, Odoo, Flectra

 # Framework:

Wordpress, Shopify, OpenCart, Magento

 # Analysis:

UML, Flowchart, BMC (Business Model Canvas), Balsamiq, Edrawmax, StarUML

 # Management:

Waterfall, Agile, Agile-Scrum, Trello, Notion, Jira, Github Projects, Google-Suite, Monolith & Microservices Handling

CERTIFICATIONS

- Advanced RDBMS & SQL
- Web App Security OWASP ZAP
- Google Project Management
- Google Agile Project Management
- Containerization Docker
- Linux for DevOps

LANGUAGES

Bahasa	Native
English	Conversational
Arabic	Basic
Javanese	Excellent

PROJECTS

Digitize Power Plant of PLN Nusantara Power —

Tech Stack:
Java Spring Boot, Python Flask, ReactJs, ReactNative, VBA, PHP, Centos 8, Nginx, Docker, Kubernetes, Socket.io, MySQL NDB Cluster, TensorFlow, Keras, Pandas, ThermoFlow, XCP-NG, AirFlow, Nifi. OPC Expert, OpenOPC, DCS, Shell

Description:
Build a ***microservices***-multiple platforms app (web-mobile-REST API) was embedding AI, Machine Learning and IoT for entire Power Plant of PLN Nusantara Power in Indonesia which has several enterprise features/modules including Efficiency Analysis, Reliability Analysis, Boiler Auto Tuning, etc.

Shipment Tracking System —

Tech Stack:
PHP Native, HTML, CSS, MySQL, LAMP

Description:
Setup a server for a dev team to develop a web app from scratch which aims to track Chick Shipments from cage to RPA manually using SSH, Filezilla.

Warehouse Management System —

Tech Stack:
PHP Codeigniter 3, Bootstrap, MySQL, Foxpro, DBF, IIS

Description:
Setup a server for a dev team to develop a web app from scratch. Then stored the data in a MySQL database, hosted on Windows Server which aims to manage Kavling Info, Stock, Products, Variants, Suppliers at Wonokoyo Gempol factory manually using SSH, Filezilla.

E-Commerce App PT Mekarsari Jaya Utama —

Tech Stack:
Flutter, PHP Codeigniter 3 for Backend, MySQL, Firebase, Ubuntu Server 16.04, Apache2

Description:
Setup a server for multiple platform E-Commerce apps (web, mobile android) to manage Customers, Sales, Product Catalogs.

Odoo Retail CV Berkah Jaya —

Tech Stack:
Kotlin Web View, Odoo 11 CE, PostgreSQL, Python, Ubuntu Server 16.04, Nginx

Description:
Setup a VPS for Odoo 11 CE implementation uses several modules including POS, Inventory, Invoicing.

Odoo Human Resource PT Edaptec Solusi Indonesia —

Tech Stack:
Flutter, Odoo 12 CE, PostgreSQL, Python, Ubuntu Server 16.04, Nginx, OneSignal, GCP Compute Engine

Description:
Setup a cloud server which is DigitalOcean for Odoo 12 CE implementation & custom modules including Employees, Leaves, Recruitments, Website and Payroll. Then, integrate a mobile app based on Flutter using Odoo Rest-API.

Web CAT Bimbel AE —

Tech Stack:
PHP Codeigniter 3, MySQL, Ubuntu Server 18.04, Apache2, Bootstrap, jQuery

Description:
Setup several VPS to build a web application for CAT (Computer Assisted Test) of Bimbel(Bimbingan Belajar) AE which has features including Course Registration, Question Banks, Exams, Grade Masters, Class Masters, Lessons Masters, Attendance, Course Report, Master Teacher, Master User, Admin.

Stock Traceability App for Veolia —

Tech Stack:
PHP, PostgreSQL, Kotlin, AWS EC2, Centos 8.0, Nginx, AWS EC2-VPC, Bitbucket

Description:
Setup Bitbucket Pipeline, SSH connection using PEM file, .

Odoo Kaagro Indonesia —

Tech Stack:
Python, PostgreSQL, Odoo 12 CE, Centos 8.0, Nginx

Description:
Set up several VPS and install Odoo 12 CE for implementation & custom modules including CRM, Sales, Purchase, Inventory, Employees,

Expenses, Payroll, Accounting, Documents, Leaves. Then, set the virtual host to a sub-domain/domain.

On-Premise GSpace Server Setup —

Tech Stack:
Mikrotik, Proxmox, Bind

Description:
Design & setup flat rack server, setup mikrotik-switch, supervise LAN cabling installation, install Proxmox, setup VMs, test several IP hosts server is Up.

PLN Sistem Manajemen Pengamanan —

Tech Stack:
PHP Codeigniter 3 for Web App, PHP Slim for API, PostgreSQL, Ubuntu Server 18.04, Apache2, Bootstrap, jQuery, Kotlin, Oracle 11G XE, SAP RFC.

Description:
Coordinate with IT from PLN to build a multiple platforms app (web-mobile-REST API) for managing Guard Security Team (Patrol, Attendance, etc), PLN Guests Reservation, Meeting Room Scheduler, etc. Then, set up a VPN to access the servers and the apps.

Koperasi Digital Web & Mobile —

Tech Stack:
PHP Laravel 8, Laravel-Livewire, NodeJs ExpressJs, PostgreSQL, Centos 8, Nginx, MongoDB, Docker, Kubernetes, Socket.io, Flutter, SQLite

Description:
Build a ***microservices***-multiple platforms app (web-mobile-REST API) for managing Koperasi, Investment, PPOB, Live-Chat, E-Commerce, Accounting, Inventory, etc. Helps DevOps Engineer Jr to create a database cluster, create Ansible Module-Playbook on Ansible Tower, create a CI/CD service on Jenkins.

Web & Mobile App for SD-SMP-SMA —

Tech Stack:
PHP Codeigniter 4, MySQL, Centos 8, Nginx, Flutter, SQLite

Description:
Set up an infrastructure on Vultr to build a multiple platforms app (web-mobile-REST API) for Education Management System.

And many more....

coursera project network

PROJECT CERTIFICATE

May 27, 2023

Dwi Mursito

has successfully completed

Advanced Relational Database and SQL

an online non-credit project authorized by Coursera Project Network and offered through Coursera

Harrison Kong
Subject Matter Expert / Instructor
Coursera Project Network

Verify at:
https://coursera.org/verify/2P5XW2GUSDPA
Coursera has confirmed the identity of this individual and their participation in the project.

Google

COURSE CERTIFICATE

Jul 3, 2023

Dwi Mursito

has successfully completed

Agile Project Management

an online non-credit course authorized by Google and offered through Coursera

Amanda Brophy
Global Director of Google Career Certificates

Verify at:
https://coursera.org/verify/6LXP3DV4ZHYX
Coursera has confirmed the identity of this individual and their participation in the course.

Google

COURSE CERTIFICATE

Jun 3, 2023

Dwi Mursito

has successfully completed

Foundations of Project Management

an online non-credit course authorized by Google and offered through Coursera

Amanda Brophy
Global Director of Google Career Certificates

Verify at:
https://coursera.org/verify/H6E6A852ZH93

Coursera has confirmed the identity of this individual and their participation in the course.

LearnQuest

COURSE CERTIFICATE

Jul 2, 2023

Dwi Mursito

has successfully completed

Linux Cloud and DevOps

an online non-credit course authorized by LearnQuest and offered through Coursera

Aspen Olmsted
Professor and Program Director
Simmons University

Verify at:
https://coursera.org/verify/Y9C6CPAGM638

Coursera has confirmed the identity of this individual and their participation in the course.

coursera project network

PROJECT CERTIFICATE

May 25, 2023

Dwi Mursito

has successfully completed

Linux: File Management for Devops

an online non-credit project authorized by Coursera Project Network and offered through Coursera

Rudi Hinds
Software Engineer
Coursera Project Network

Verify at:
https://coursera.org/verify/Y47N4YB6HKAT
Coursera has confirmed the identity of this individual and their participation in the project.

coursera project network

PROJECT CERTIFICATE

May 26, 2023

Dwi Mursito

has successfully completed

Web Application Security Testing with OWASP ZAP

an online non-credit project authorized by Coursera Project Network and offered through Coursera

Alex Carraway
Subject Matter Expert
Freedom Learning Group

Verify at:
https://coursera.org/verify/V2CDA7W9S8NQ
Coursera has confirmed the identity of this individual and their participation in the project.

coursera project network

PROJECT CERTIFICATE

May 26, 2023

Dwi Mursito

has successfully completed

Containerization Using Docker

an online non-credit project authorized by Coursera Project Network and offered through Coursera

Anju M Dominic
QuadraLogics
Founder & Principal Consultant

Verify at:
https://coursera.org/verify/8QQ6QQAL7BV9

Coursera has confirmed the identity of this individual and their participation in the project.