

Contact

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Top Skills

WebODM
Drone Mapping
Drone

Languages

Bahasa Inggris (Professional
Working)
Bahasa Indonesia (Native or
Bilingual)

Certifications

Business Analysis Modeling Skills &
Techniques
ChatGPT Masterclass: ChatGPT
Guide for Beginners to Experts!
Basic Electricity and Electronics
New Relic One: Observability From
Beginner to Advanced

Honors-Awards

Juara Pertama Six Sigma Kategori
Automatisasi BMG 2021

Publications

PURWARUPA PENYIRAMAN
OTOMATIS DENGAN ARSITEKTUR
MQTT DAN LOGIKA FUZZY
SUGENO UNTUK MENINGKATKAN
KEEFEKTIFAN MANAJEMEN
PENYIRAMAN TANAMAN (STUDI
KASUS : ITERA)

Muhamad Arwin Wijaya

Solution Engineer Analyst di Great Giant Foods
Lampung, Indonesia

Summary

I am a professional with over 4 years of experience in the technology industry. As a Technical Lead at Great Giant Foods, I have project management, technology development, and leadership expertise. I have experience managing cloud servers (AWS), system administration, and application development.

With a bachelor's degree in Informatics Engineering at the Sumatra Institute of Technology, I have expertise in programming languages such as C++, Java, Python, and Node.js. I also have experience in innovative projects, including developing Vehicle Activity Tracking systems for plantation units.

My expertise includes Networking, IoT, System Operation, System Administration, and System Monitoring. I also have skills in People Development and People Engagement. Technology can create positive change, and I am excited to continue contributing to the world of technology. Let's collaborate and develop innovative solutions together!

<https://about.me/marwinwijaya>

Experience

Great Giant Foods

4 years 4 months

Solution Engineer Analyst

January 2025 - Present (6 months)

Lampung, Indonesia

Contributed to cloud architecture, DevOps automation, and digital transformation initiatives within the Digital Innovation Department, with responsibilities as follows:

Designed and managed cloud infrastructure using AWS services including EC2, S3, RDS, VPC, and IAM for both development and production environments.

Developed CI/CD pipelines using GitHub Actions and AWS CodePipeline to enable automated deployment workflows.

Monitored and optimized cloud system performance and application uptime using AWS CloudWatch and New Relic.

Automated infrastructure provisioning and configuration using Infrastructure as Code tools such as Terraform and CloudFormation.

Provided DevOps support for application releases, system backups, and cross-team technical troubleshooting.

Integrated cloud data sources with dashboards and GIS platforms to enhance operational visibility.

Supported digital application deployment processes, including Android app updates on the Google Play Store.

Collaborated with stakeholders to align cloud solutions with business needs and ensure delivery of high-impact digital projects.

Participated in system documentation, security policy compliance, and cost optimization strategies.

Mentored junior team members and shared knowledge on AWS architecture and DevOps best practices.

Tech Explorer

October 2023 - January 2025 (1 year 4 months)

Lampung, Indonesia

Leading cloud and DevOps initiatives within the Digital Innovation Department, with key responsibilities as follows:

Designing and managing scalable AWS cloud infrastructure to support digital initiatives.

Automating deployment workflows and environment provisioning using DevOps best practices (CI/CD, IaC).

Monitoring and maintaining system health and performance using New Relic and AWS CloudWatch.

Managing application deployment and lifecycle across development, staging, and production environments.

Ensuring infrastructure security, reliability, and cost-efficiency through regular reviews and audits.

Collaborating with software development teams to streamline DevOps integration and reduce deployment friction.

Supporting system administration for internal digital platforms and tools.
Leading capability-building efforts and knowledge-sharing sessions within the DevOps function.

Leadership Acceleration Program (LEAP) Trainee

July 2021 - October 2023 (2 years 4 months)

Lampung, Indonesia

Handle projects as needed in Digital Innovation Department

Understand department's daily processes and goals

Provide administrative support (e.g. data entry, PR/PO)

Participate in company's strategic planning and carry out performance evaluation (e.g. writing reports, analyzing data, create and give presentation)

Information Technology Software Engineer

March 2021 - June 2021 (4 months)

Lampung, Indonesia

Analyze, Maintenance and modifies programming systems to include coding, testing and debugging to support organization's software applications.

Freelancer

3 months

Project Manager - Android Based Security System

February 2021 - March 2021 (2 months)

Bandar Lampung, Lampung, Indonesia

Integrated Motorcycle Security System Application with IoT using Android-Based Firebase Realtime.

Project Manager - Web Based Recommendation System

January 2021 - March 2021 (3 months)

Bandar Lampung, Lampung, Indonesia

Recommendation System Application using Collaborative Filtering Using Web-Based Laravel Framework.

Institut Teknologi Sumatera

Academic Assistant

November 2020 - March 2021 (5 months)

Lampung Selatan, Lampung, Indonesia

Assisting in the administration of ITERA Informatics Engineering study programs.

Institut Teknologi Sumatera

3 years 5 months

Laboratory Assistant

January 2017 - May 2020 (3 years 5 months)

Lampung Selatan, Lampung, Indonesia

Practical assistants in courses include:

1. Introduction to Computers and Software 1 & 2 with an introduction to Microsoft Office. and the C ++ programming language
2. Programming Algorithm with advanced programming language material C ++
3. Database with SQL relational database material
4. Software Project with Scrum Master material

Game Developer

June 2019 - September 2019 (4 months)

Lampung Selatan, Lampung, Indonesia

Interned at UPT TIK ITERA to develop an educational VR game project, with key responsibilities as follows:

Developed "ITERA XPLORE", a virtual reality game for campus orientation using Unity framework.

Designed interactive gameplay to simulate exploration of the ITERA campus environment.

Implemented 3D models, navigation systems, and basic interactivity for VR experience.

Collaborated with academic supervisors to align game objectives with institutional branding.

Wordpress Developer

June 2019 - July 2019 (2 months)

Lampung Selatan, Lampung, Indonesia

Developer at the Informatics Engineering Study Program, the Sumatra Institute of Technology

Freelancer

Project Manager - Web Based Information System

August 2018 - December 2018 (5 months)

Bandar Lampung dan Sekitarnya, Lampung, Indonesia

Leading the planning and implementation of the Mesuji Sekampung BBWS GIS web project. Provide direction and support and organize and coordinate for the project team.

PT INFOKOM ELEKTRINDO

Network Support

August 2018 - August 2018 (1 month)

Bandar Lampung dan Sekitarnya, Lampung, Indonesia

Performed on-site network maintenance and support, with responsibilities as follows:

Conducted network maintenance and troubleshooting at PT. Perkebunan Nusantara PTPN VII.

Configured and managed Mikrotik routers for local area network stability and performance.

Diagnosed and resolved connectivity issues to ensure uninterrupted operations.

Coordinated with client-side IT personnel for efficient implementation and support.

Education

Institut Teknologi Sumatera

S.Kom, Informatics · (August 2016 - October 2020)