

# Galih Dimas Prastowo

## Graduate IT / Systems & Data Platforms

Domicile: Tangerang Selatan • [galihdimas@outlook.com](mailto:galihdimas@outlook.com) • [+6285785449545](tel:+6285785449545) • [linkedin/id/galihdimasprastowo](https://www.linkedin.com/in/galihdimasprastowo)

### Summary

Graduate IT Engineer with hands-on experience in high availability systems, multi-site data center architecture, database platforms, and system operations. Experienced in disaster recovery planning, performance testing, and enterprise IT environments. Strong foundation in software engineering, databases, and infrastructure operations, with the ability to collaborate across interdisciplinary teams in global environments.

### Core Technical Skill

#### Backend & Data Systems

- SQL, Database Design, Query Optimization
- MySQL, Percona XtraDB Cluster, SQL Server
- Distributed & Multi-site Architecture

#### Systems & Infrastructure

- Linux Server (Ubuntu), SSH, basic server troubleshooting
- High Availability (HA) & Disaster Recovery Planning (DRP)
- Backup & recovery awareness

#### Testing & Reliability

- Performance & response testing: JMeter, Sysbench
- System validation & documentation

#### Development & Tools

- Java, PHP, Fundamental knowledge of C++ and Python
- Git, Jira, Confluence, Visual Studio Code
- SDLC, Agile collaboration

#### Networking (Fundamental)

- TCP/IP, IP configuration, SSH access, connectivity checks

### Professional Experience

#### PT Satkomindo Mediyasa — Jakarta, Indonesia

##### IT Infrastructure Support / Technical Writer – PT Satkomindo Medyasa (Jun 2024 – present)

- Developed and maintained Disaster Recovery Plan (DRP) documentation for enterprise banking systems (BRI).
- Collaborated with infrastructure, operations, security, and development teams to ensure documentation accuracy and operational alignment.
- Conducted risk analysis on disaster recovery trials and system readiness.
- Designed and documented a 3-Site Active Multi Data Center architecture using Percona XtraDB Cluster.
- Performed performance and response time testing using JMeter and Sysbench.
- Supported basic network and server operations, including IP checks, SSH access, and connectivity troubleshooting.
- Managed documentation via Confluence and tracked tasks using Jira.

#### PT Indocyber Global Teknologi — Jakarta, Indonesia

##### Java Developer Bootcamp | Jan 2024 – Mar 2024

- Implemented Object-Oriented Programming (OOP) principles in Java programming.

- Designed and managed databases using SQL Server (DDL, DML, DCL).
- Built backend systems for academic administration and marketplace simulations.
- Optimized Java functions for maintainability and performance.

## **PT Inosoft Trans Sistem — Surabaya, Indonesia**

### **Frontend Developer Intern | Sep 2022 – Oct 2022**

- Designed UI wireframes and implemented responsive web interfaces.
- Developed web applications using Laravel, HTML, CSS, and Bootstrap.
- Performed testing, bug tracking, and performance optimization.

## **Education**

Bachelor of Technology - BTech, Information Technology

Institut Teknologi Telkom Surabaya | GPA : 3.73 / 4.00 | 2023

Relevant Coursework: Object-Oriented Programming, Web Programming, Mobile Programming, Database Systems, Operating Systems, Network Administration, Software Engineering, Analysis and Design of Information Systems.

## **Projects & Academic Exposure**

- 3-Site Active Multi Data Center — Percona XtraDB Cluster Design, deployment documentation, DRP analysis, and performance testing.
- Adaptive Traffic Light Control System Computer vision using YOLO combined with fuzzy logic (academic project).

## **Leadership & Organization**

IT Student Association – Institut Teknologi Telkom Surabaya

- Chairman, Education & Research Division (2021 – 2022)
- Internal Development & Organization Staff (2020 – 2021)

## **Certifications**

- ISO 9001:2015 QMS Awareness (2024),
- Full-Stack Android Developer (2023),
- Google Data Analytics (2022),
- DevOps Praktis dengan IBM Cloud (2021),
- Junior Mobile Programmer (2022)

**Language :** Indonesia (Native), English (Limited working proficiency)