

# Giraldo Nainggolan

## PORTFOLIO

<https://portofoliokreatif.blogspot.com/>

## SUMMARY

Enthusiastic Information Technology student with strong analytical skills and deep understanding of IT solutions. Experience in system requirements analysis, technical documentation development, and implementation of data warehouse technology solutions using Snowflake. Effective communicator with the ability to collaborate in cross-functional teams and provide training to end-users in presenting data insights to stakeholders. Committed to continuous learning and keeping up to date with the latest technology in various industries.

## EDUCATION

### **Universitas Trunojoyo Madura (UTM)— Undergraduate of Informatics Engineering**

August 2022 – August 2026

## EXPERIENCE

### **UTM Information Systems Student Association, Madura — Human Resources Department**

FEBRUARY 2023 – FEBRUARY 2024

As the Head of the Department of Student Affairs at the Informatics Engineering Student Association, we achieved the following milestones:

- Successfully bridged the gap between students and faculty, addressing various aspects including facilities and curriculum enhancements.
- Effectively disseminated essential information regarding documentation for informatics engineering students.
- Facilitated 3 Open Talk sessions fostering dialogue between the program head and informatics engineering students.

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## CERTIFICATIONS

**Lead Developer of the TNDE website: Information System for Monitoring DPRD Mail Administration in Bangkalan Regency**

**3rd place in the National Scientific Writing Competition Accounting Festival at UIN Semarang**

**Team Finalist in Business Competition at Youters Jakarta Digital Startup Business Plan Competition (DISCO) 2024 by YOTers Jakarta**

**Champion of poster design competition at Brawijaya University**

**Buissness Development by Rocket Digital Academy**

**Course Advanced SQL by Kaggle: DataAnalytic**

**Learn Data Visualization with Dicoding**

**Capstone: Applying Project Management in the Real World by Google**

**PKM Tutor Leadership Award Certificate**

**Google Developer Groups-GDOC,  
Surabaya — *Event Organizer***

SEPTEMBER 2024 – NOVEMBER 2024

During my time in the community I had experiences like:

- has been a public relations committee at a generative AI event on campus
- Fully in charge of GDGOC 2024 Info Session
- Presented Front-End Dev basics (HTML, CSS, JS & React) in academia at UTM.

**AUDIT & Corporate Governance,  
East Java— *Final Research Project***

AUGUST 2024 – NOVEMBER 2024

The field activities as a test of my research were as follows:

- Conduct in-depth analysis of the company’s business processes to ensure compliance with internal policies and external regulations.
- Evaluate corporate governance controls, risk management, and accountability with reference to COBIT 2019 principles, including alignment with enterprise governance of IT (EGIT) objectives.
- Conducted an audit of the company's mission at the Bangkalan Kominfo Agency and PT Bukit Darmo, with a COBIT 2019 Framework-based approach to evaluate organizational governance.

**Bangkalan Legislative Council,  
Madura — *Software Staff***

SEPTEMBER 2024 – NOVEMBER 2024

The activities that I did during my three-month internship were:

- Design a system workflow scheme using Data Flow Diagram (DFD) to support the structured system analysis and design process.
- Built a cross-platform application for official correspondence needs, using Kotlin programming language to improve efficiency and accessibility.
- Using the Software Development Life Cycle (SDLC) method systematically in the application development process, starting from planning, design, implementation, to testing.

**PT Sebastian Jaya Metal,  
Cikarang — *PPIC & WEB DEVELOPER***

JANUARY 2025 –PRESENT 2025

In this role, I am responsible for production planning, inventory control, as well as ensuring a smooth production process in accordance with the demand and availability of raw materials including optimizing the logistics of the company's operational efficiency. Among others:

- Managed PPIC tasks, including creating Kanban, CTO (Customer Transfer Order), and SPK (Work Orders) in the SAP system while ensuring SAP standardization.
- Handled data entry and document archiving, including updating PPIC records and organizing essential production documents.
- Coordinated logistics operations, such as generating delivery orders and ensuring efficient material flow for production.

Completing the Network Defense  
Course: Cisco Networking  
Academy

Cyber Threat Management: Cisco  
Networking Academy

**PUBLICATIONS**

PREDIKSI MULTI PENYAKIT  
BERDASARKAN ANALISIS  
DARAH MENGGUNAKAN  
LOGISTIC REGRESSION DAN  
RANDOM FOREST

**SKILLS**

**Graphic Design Tools:** Microsoft Word, Excel, PowerPoint, Project, Figma, PixelLab, Lightroom, PicsArt, Canva

**Programming Languages:** Python, R, HTML, CSS, JavaScript, Java, Kotlin, SQL

**Database & Data Management:** Draw.io, phpMyAdmin, SQLYog, MariaDB, ERDplus

**Frameworks:** Laravel, Bootstrap, Tailwind, Sass

**CMS:** WordPress, Odoo, Webflow

**Project Management Tools:** Trello, Asana, JIRA, Slack, Microsoft Teams

**Documentation & Analysis:** ERP, Class Diagram, Use-Case, Mapping, COBIT-19, ISO 9001

**Technical & Data Analysis:** SQL, ETL Tools, Data Visualization (Tableau, Power BI, Looker