

# **Yoga Budi Permana Putra**

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## **Personal Statement**

Software Engineer with strong experience in **Python**, backend development, and automation, currently expanding expertise in **Machine Learning** and **Computer Vision**. Skilled in data preprocessing, feature engineering, model training, model evaluation, and building CV pipelines using **OpenCV**, **MediaPipe**, and **YOLO**. Proficient in developing scalable scripts, integrating data workflows, and optimizing system performance. Actively pursuing ML engineering competencies to contribute to **data-driven, production-ready** solutions.

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## **Working Experience**

- **PT. Tunas Ridean (February 2025 -June 2025)**

### **System Engineer / Developer**

As an **Internal System IT Software Engineer**, I am responsible for developing and maintaining internal systems, including web scraping, Odoo customizations, and system testing. My key responsibilities include:

- **Daihatsu Satu Odoo:**

- Develop Odoo8 Custom Modules like Work Order module for Daihatsu Car Service and Part Selling, Purchase Order for Part Selling, and Printout templates that work using XML. Also responsible for implementing business logic and customizing views

- **Private Data Protection Agreement module:**

- Create Private Data Protection Agreement Module to help the company request customer consent for using their personal data, in compliance with data privacy regulations. The module allows customers to review the terms, provide digital signatures, and stores consent records securely for audit and legal purposes. Integrated with customer creation workflows to ensure that consent is obtained before data processing begins.

- **Odoo to Microsoft SQL Integration:**

- Create module on odoo to do Create, Read, Update, Delete data through Odoo page from microsoft SQL.

- **Monotaro Indonesia (February 2024 - February 2025)**

### **Internal System IT Software Engineer**

As an **Internal System IT Software Engineer**, I am responsible for developing and maintaining internal systems, including web scraping, Odoo customizations, and system testing. My key responsibilities include:

- **Product Stock Web Scraping:**

- Performing **web scraping** on **Tokopedia** for product stock data using **Python** with **Selenium** and **BeautifulSoup**.

- **Alert Script Creation:**

- Developing **alert scripts** using **Shell Script** to automate notifications and system monitoring.

- **Odoo Development:**

- **Developing Odoo modules** to meet business requirements and ensure seamless integration within internal systems.

- **Quality Assurance & Testing:**

- Conducting **Quality Assurance (QA)** for custom **Odoo modules** to ensure functionality and

- performance.
- Leading **User Acceptance Testing (UAT)** for the **Sales and Procurement departments** to verify that system enhancements meet user requirements.
- **Apprenticeship at PT. Telekomunikasi Indonesia Tbk. Cimahi Unit 2021**  
*Head Of Representative Asistant.*
  - Analyzed and validated the installation of *Indihome* Internet Service Provider user at Cimahi Unit.
  - In Charge to Manage and supervise the network condition of *Indihome* users at Cimahi area.

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## Projects



- **OpenCV & Yolo11–Driven Push Up Repetition Tracker**  
Developed a real-time push-up counter using Python, OpenCV, and Yolo11, To Compare Pose Estimation performance with Mediapipe.[To Repository](#)
- **OpenCV & MediaPipe–Driven Push Up Repetition Tracker**  
Developed a real-time push-up counter using Python, OpenCV, and MediaPipe, utilizing pose landmarks and angle-based logic to accurately detect and count repetitions.[To Repository](#)
- **Diabetes Classification Prediction Multiclass Classification Project**  
Developed a multiclass classification model with Python, applying preprocessing, SMOTE balancing, and model evaluation to classify data into three target classes. [To Repository](#)
- **Tiktokshop Webscraping**  
A web scraping API for fetching product details or product listings from TikTok Shop (merged with Tokopedia) using Puppeteer and Axios. [To Repository](#)
- **Tokopedia product stock and sku webscraping for Monotaro Indonesia**  
Create Script to Webscrap Tokopedia Stock update and sku, and save on CSV file using Selenium and Beautiful Soup on python
- **Vendor Stock Alert Update Chat Bot to alert on google chat for Monotaro Indonesia**  
A bot that will send alert to google chat if vendor not send stock update through email more than 3 days
- **Monotaro Odoo Migration**  
In Charge to Teach and guide 4 Departments, how to use odoo for their operations as ERP migration from Microsoft Dynamics to Odoo16. also catch if users found issue and scale the issue and doing develop if needed.
- **Project MyGram**  
Create API MyGram or MyOwn Instagram API with Google Language, Gin Framework, Gorm, Go Validator, and Swagger. The API can do POST, GET, PUT, and DELETE.

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## Education



**Polytechnic State of Bandung (2018- 2022)**

**Telecommunication Engineering Diploma 4, Department of Electronic Engineering**

Related Course: Applied Math, Programming Algorithm, Data Communication, Network Infrastructure, Mobile Computing, Computer Application, Database and Object Oriented Programming (OOP).

- Activity:
  - **Final Project** 2022  
Designed and analyzed secret message security by hiding inside Music. with final project title **“Detection of DTMF signals in a frequency domain beyond the standard, intended for transmitting critical information using the Caesar Cipher encryption method”**

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## Certification



- Coursera “Machine Learning Specialization”
- Dicoding “Belajar Dasar Pemrograman JavaScript” or “Learn basic javascript programming in 2023”
- Dicoding “Cloud Practitioner Essentials (Basic Learn AWS Cloud)” in 2023
- Digitalent x Hacktiv8 Fresh Graduate Academy “Scallable Web Service With Golang” Batch 4 in 2023
- Dicoding “Belajar Membuat Aplikasi Back-End untuk Pemula”
- Dicoding “Memulai pemrograman dengan Python” or “start program with python” in 2022
- Hacktiv8 “Introduction Of Fundamental Go Programming” bootcamp
- Hacktiv8 “Go Programming Microservices into the Specialization” bootcamp.
- Hacktiv8 “Go Programming Secure Your Go Apps”.