

Giraldo Nainggolan

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

Portfolio



2025

Information Systems



Giraldo Nainggolan

INNOVATIVE IT PROGRAMMER

Education

- **senior high school**
SMAKN SAMOSIR 2018 - 2021
- **Information Systems Students**
Trunojoyo University 2022 - 2026
During my studies, I have been actively involved in various IT trainings and projects, including software redesign, website and Android application debugging, and user convenience implementation. I am active in the Information Systems Association organization, Google Developer Campus, ITC, and several other additional activities.

Experience

- **Project Management - Surabaya**
Reka Village April 2024 - June 2024
Explore my Real Estate Website project built with WordPress CMS. Featuring responsive design, SEO optimization, and advanced property search for seamless browsing.
- **Product Developmen - Surabaya**
UPN East Java June 2024 - Agustus 2024
Discover my FarmBot project: an innovative solution combining automation and precision farming to revolutionize sustainable agriculture and boost efficiency.
- **Software Staff**
Bangkalan Legislative Council Sep 2024 - Nov 2024
Tasked with designing a cross-platform application for the Bangkalan Regional People's Representative Council (DPRD) to facilitate efficient correspondence and communication.
- **Audit & Corporate Governance**
PT Bukit Darma Tbk Oct 2024 - Dec 2024
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About Me

I am an Information Systems student with an interest in technology and innovation. Experienced in website development, UI/UX, mobile application, data analysis, and project management, I focus on creating digital solutions that are secure, efficient, and impactful.

Skills

- Python
- Javascript
- Java / Kotlin
- Wordpress
- PHP
- Laravel
- SQL

Contact

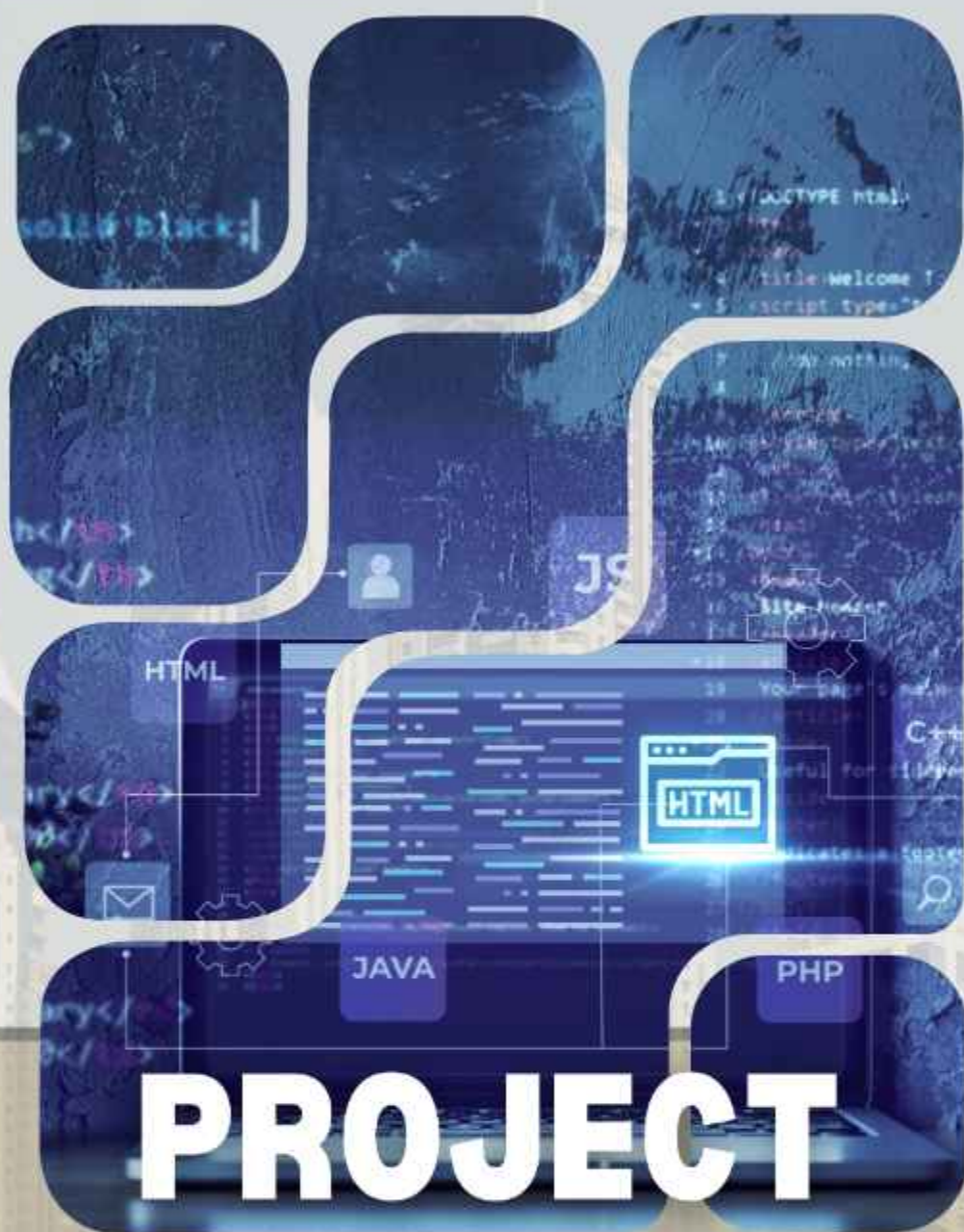
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PERSONAL BRAND



PROJECT WEBSITE

2022-2025

Giraldo Nainggolan

Website Dev

Christmas Shop Landing Page

Seasonal Sales on Christmas Day

Developed a fully responsive e-commerce website for Fashionista, a fashion retailer. The site includes an integrated shopping cart, user accounts, and a product recommendation engine.

Technologies Used:

Front-end: HTML,
CSS, Javascript

Outcome:

This website is designed for someone who celebrates Christmas with all the trappings of the celebrate



Send A Gift For Christmas

In these end of the year holidays send a gift to your loved one and share the happiness of Christmas.

Get Started

Sharing Is The Best Gift You Can Give

Sharing these holidays is the best gift you can give, give a present or share your love with the people you love the most and celebrate with great happiness.

Send a Gift



Start giving away before the holidays are over. Write the home address of the person who will send the gift.

House address

Send



Christmas Gift

I send a gift and it gives happiness

Pricing

Discounts

Shipping mode

Our Company

Blog

About us

Our mission

Social

Home About Us Contact Us

Send A Gift For Christmas

Get Started



Sharing Is The Best Gift You Can Give

In these end of the year holidays send a gift to your loved one and share the happiness of Christmas.

Send a Gift

How Christmas Decorations Can Your Home



Christmas Decorations

New Christmas Accessories



Christmas Accessories



Christmas Accessories



Christmas Accessories

Send Gift Now

Send Gift Now

UTM Faculty of Engineering Room Loan Website - Laravel 11 Framework

Final project from lecturer

I developed a room reservation website for the Faculty of Engineering UTM using Laravel 11, featuring an admin panel, user authentication, and booking functionality

Technologies Used:

Front-end: Bootstrap, Blade, CSS, Javascript.

Back-end: PHP, MySQL, Laravel, Hosting, GitHub, Herd

Outcome:

Developed a Laravel based room booking site for UTM Engineering with admin panel, login, and reservation.



UTM Faculty of Engineering Room Loan Website - Laravel 11 Framework

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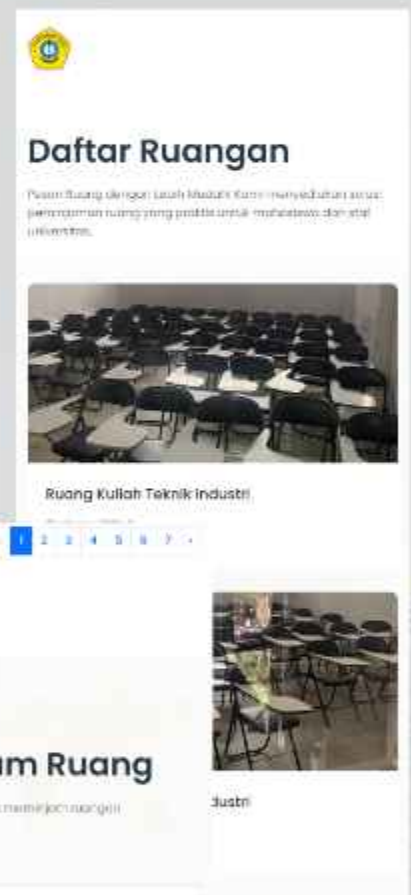
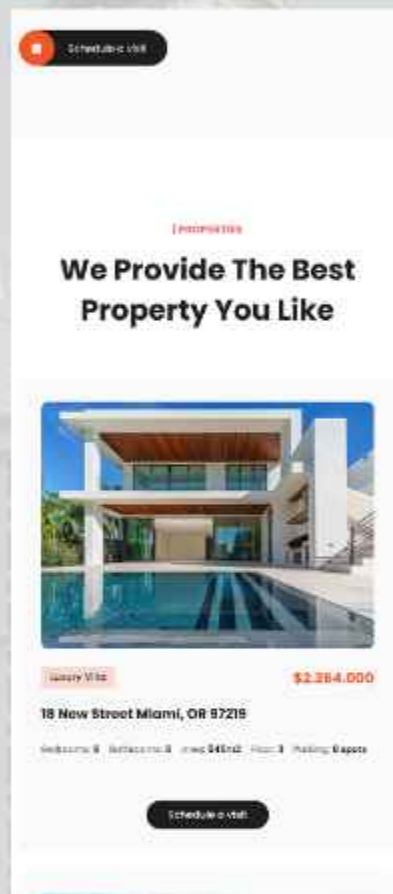
Technologies Used:

Front-end: Bootstrap, Blade, CSS, Javascript.

Back-end: PHP, MySQL, Laravel, Hosting, GitHub, Herd

Outcome:

Developed a Laravel based room booking site for UTM Engineering with admin panel, login, and reservation.



Villa Agency Management System with PHP Native

Property Management

Developed a Villa Agency project using PHP Native, featuring property listings, booking management, and a user-friendly interface for efficient operations.

Technologies Used:

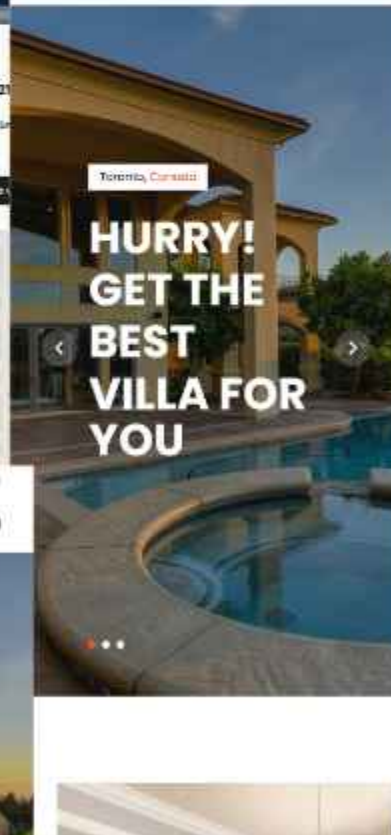
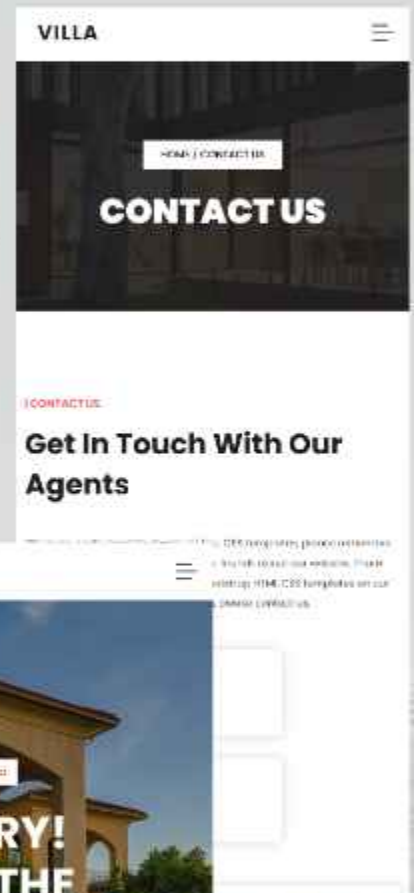
Front-end: HTML,
CSS, Javascript,
Bootstrap

Back-end: PHP,
MySQL

Hosting: GitHub,
Localhost

Outcome:

Developed a Laravel based room booking site for UTM Engineering with admin panel, login, and reservation.



Spiritual Tourism to Jerusalem - Landing Page Project

Spiritual Inspiration for Your Journey

Developed a basic WordPress tutorial project featuring a spiritual tourism website for Jerusalem, showcasing essential design and content management techniques

Technologies Used:

Front-end: Plugin,

Theme, Elementor.

Back-end: PHP,

MySQL

Hosting: GitHub,

Localhost

Outcome:

Created a WordPress-based spiritual tourism site for Jerusalem, teaching basic web design





PERSONAL
BRANDING

PROJECT

DATA SPECIALIST

*Data Science, Analytics, and Computer Vision for
Advanced Insights and AI Solutions*

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Disusun oleh
Giraldo Naiggolan

Fruit Classification using CNN and Image Processin

Dataset properties:

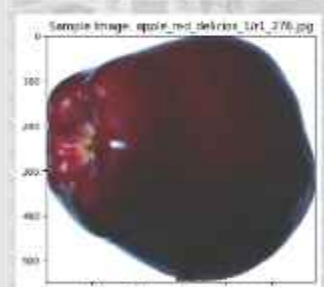
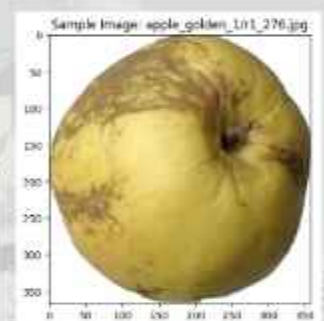
The total number of images: 94110. Only images scaled to 100x100 pixels are counted here. Training set size: 70491 images (one object per image). Test set size: 23619 images (one object per image). The number of classes: 141 (fruits and vegetables). Image size in the largest dataset version: 100x100 pixels. Input (1.01 GB)

Technologies Used:

os, cv2 (OpenCV), matplotlib, seaborn, numpy, pandas, torch (PyTorch), torchvision, sklearn.model_selection (train_test_split), tensorflow.keras, tensorflow.keras.optimizers (Adam), tensorflow.keras.callbacks (EarlyStopping), sklearn.metrics (classification_report, confusion_matrix), mpl_toolkits.mplot3d.Axes3D, sklearn.preprocessing.StandardScaler

Layer (type)	Output Shape	Param #
conv2d_1 (Conv2D)	(None, 148, 148, 32)	896
max_pooling2d_1 (MaxPooling2D)	(None, 74, 74, 32)	0
conv2d_2 (Conv2D)	(None, 72, 72, 64)	18,496
max_pooling2d_2 (MaxPooling2D)	(None, 36, 36, 64)	0
conv2d_3 (Conv2D)	(None, 34, 34, 128)	73,456
max_pooling2d_3 (MaxPooling2D)	(None, 17, 17, 128)	0
flatten_1 (Flatten)	(None, 36864)	0
dense_1 (Dense)	(None, 512)	19,448,416
dense_2 (Dense)	(None, 24)	12,212

```
Found 4800 images belonging to 24 classes.
Found 432 images belonging to 24 classes.
Epoch 1/100: 100% 100/100 [0:00<0:00]
Epoch 2/100: 100% 100/100 [0:00<0:00]
Epoch 3/100: 100% 100/100 [0:00<0:00]
Epoch 4/100: 100% 100/100 [0:00<0:00]
Epoch 5/100: 100% 100/100 [0:00<0:00]
Epoch 6/100: 100% 100/100 [0:00<0:00]
Epoch 7/100: 100% 100/100 [0:00<0:00]
Epoch 8/100: 100% 100/100 [0:00<0:00]
Epoch 9/100: 100% 100/100 [0:00<0:00]
Epoch 10/100: 100% 100/100 [0:00<0:00]
Epoch 11/100: 100% 100/100 [0:00<0:00]
Epoch 12/100: 100% 100/100 [0:00<0:00]
Epoch 13/100: 100% 100/100 [0:00<0:00]
Epoch 14/100: 100% 100/100 [0:00<0:00]
Epoch 15/100: 100% 100/100 [0:00<0:00]
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Epoch 24/100: 100% 100/100 [0:00<0:00]
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Epoch 91/100: 100% 100/100 [0:00<0:00]
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Epoch 97/100: 100% 100/100 [0:00<0:00]
Epoch 98/100: 100% 100/100 [0:00<0:00]
Epoch 99/100: 100% 100/100 [0:00<0:00]
Epoch 100/100: 100% 100/100 [0:00<0:00]
```



Online shopping-KNN-ROC

Dataset properties:

The dataset provided contains data about several tourist attractions along with the predicted number of tourists who will visit these places. For example, Mutiara Beach is predicted to attract 50,000 tourists, while Maobu Beach has a predicted number of visitors ranging from 16,695 to 17,079 tourists, and Bone Labunta is expected to invite between 16,708 to 21,843 tourists.

Technologies Used:

numpy as np, pandas as pd, scikit-fuzzy, matplotlib.pyplot as plt, skfuzzy as fuzz, sklearn.model_selection, train_test_split, skfuzzy, control as ctrlsklearn.metrics, mean_absolute_error, mean_squared_error, matplotlib.pyplot as plt

