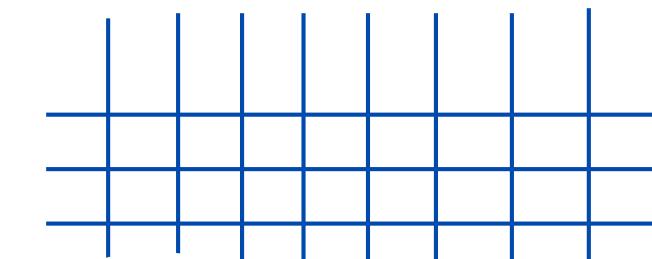




# PORTFOLIO

FAREL PUTRA ALBANA





# I'm Farel Putra Albana

*Web Developer, UI/UX Designer, Analyst and Science Data*

As an informatics engineering student in my 6th semester at Raja Ali Haji Maritime University, I focus on web development, UI/UX design, data analysis, and data science. I have led teams and completed various on-campus and off-campus projects, involving website development, user interface design, and data analysis. Through these projects, I have demonstrated my ability to solve complex problems and manage time effectively to ensure successful outcomes. I am dedicated to continuously improving my technical skills and making meaningful contributions to the IT industry.





Profile

## EDUCATION

March - July 2024

### INDEPENDENT STUDENT EXCHANGE BATCH 4

Dian Nuswantoro University - Semarang, Indonesia

- *Informatics Engineering, Faculty of Computer Science*



2021 - Present

### BACHELOR DEGREE IN INFORMATICS

Raja Ali Haji Maritime University - Tanjungpinang, Indonesia

- *Informatics Engineering, Faculty of Engineering (Current GPA : 3.83 / 4.00)*

2017 - 2021

### SENIOR HIGH SCHOOL

SMA N 1 - Tanjungpinang, Indonesia

- *Mathematics and Sciences (GPA : 8.92)*



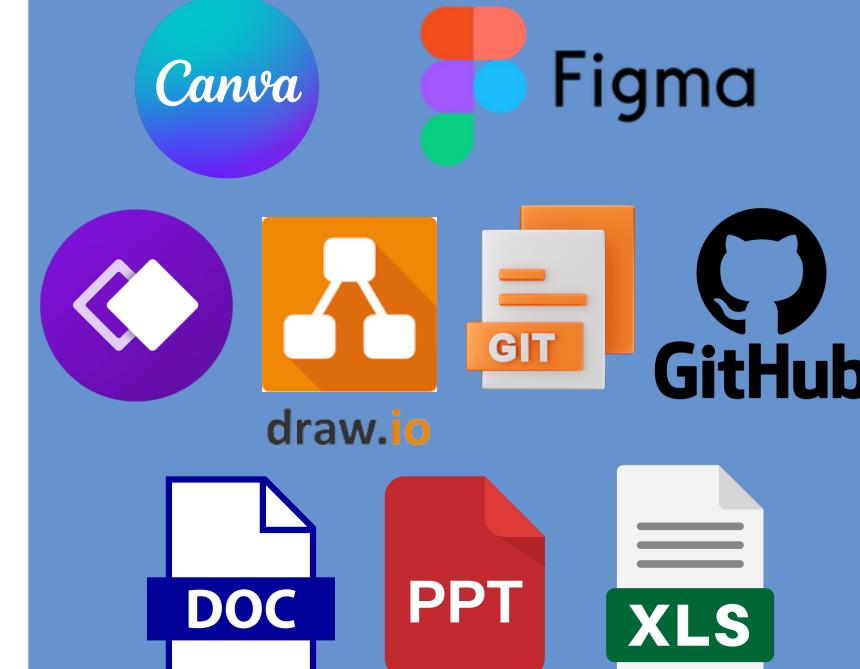
Profile

## MY SKILLS

### PROGRAMMING AND QUERY LANGUAGE



### SOFTWARE AND VERSION CONTROL



### SOFT SKILLS

*Public Speaking  
Team Collaboration  
Efficient Scheduling*

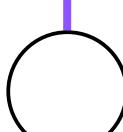
### OTHER TECHNICAL SKILLS

*Web Development  
UI/UX Design  
Data Analysis  
Linear Regression (Data Mining)*



Experience

## CHECK MY LAST JOURNEY



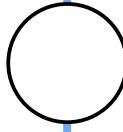
19 April 2024 - Present

### STUDENT CREATIVITY PROGRAM

Direktorat Pembelajaran dan Kemahasiswaan (Belmawa)

Student Creativity Program - Community Service

- Successfully passed the funding stage of the Student Creativity Program from 3520 proposal titles from 8 fields offered.
- Implemented 3 main programs with a focus on technology revitalization, such as School Profile Website, E-Learning, and digital attendance.
- Carry out all community service activities for 5 months in accordance with the predetermined schedule and have the opportunity to gain valuable experience at SDN 013 Tanjungpinang Barat.



2024 - Present

### INDEPENDENT STUDENT EXCHANGE BATCH 4

Dian Nuswantoro University - Semarang, Indonesia

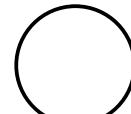
- Conduct personal skills through intense with 80 students from all universities in Indonesia, aimed at improving public speaking and collaborative teamwork.
- Carry out all activities of the informatics course for one semester in accordance with the curriculum set in semester 6 have the opportunity to gain new perspectives in academic studies.
- Carrying out activities of 14 Nusantara Modules organized by the Dian Nuswantoro University.





Experience

## CHECK MY ORGANIZATIONAL EXPERIENCE



### NUSANTARA MODULE GROUP LEADER

Independent Student Exchange Batch 4

Dian Nuswantoro University - Semarang, East Java

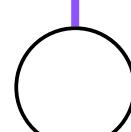
- Control the coordination and supervision of all activities related to the archipelago and academic modules, ensuring that everything runs smoothly and according to a predetermined schedule.
- Acting as guest star in every event held to maintain contributions and support participants of the independent student exchange program.
- Maintain communication, cooperation, and build good relationship with people from different cultures as well as improve the ability to adapt and negotiate.





Experience

## CHECK MY ORGANIZATIONAL EXPERIENCE

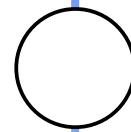


### PUBLICATION AND DOCUMENTATION DIVISION

Independent Student Exchange Batch 4

Dian Nuswantoro University - Semarang, East Java

- Coordinated and supervised all publication and documentation activities for PMM 4 Udinus as a member of the Designer Division, ensuring all designs and event materials met quality standards and deadlines.
- Created and managed designs for Instagram feeds, lanyards, and event documentation, acting as a crucial part of the team to maintain a consistent and engaging visual presence.
- Enhanced skills in graphic design, time management, and teamwork, while building valuable relationships and improving adaptability and communication with team members from diverse backgrounds.



### PUBLIC RELATIONS DIVISION

Leadership Basic Training Committee

Raja Ali Haji Maritime University - Tanjungpinang, Indonesia

- Participated in the Public Relations Division of the Leadership Basic Training Committee organized by the Informatics Engineering Department, Raja Ali Haji Maritime University.
- Managed communications, created promotional materials, and coordinated outreach efforts for successful event participation.
- Improved leadership, teamwork, public speaking, and relationship management skills.





Portfolio

## CHECK MY PORTFOLIO

All Web Article Other

HOME / ARCHIVES /  
VOL. 14 NO. 1 (2024): JANUARI / Articles

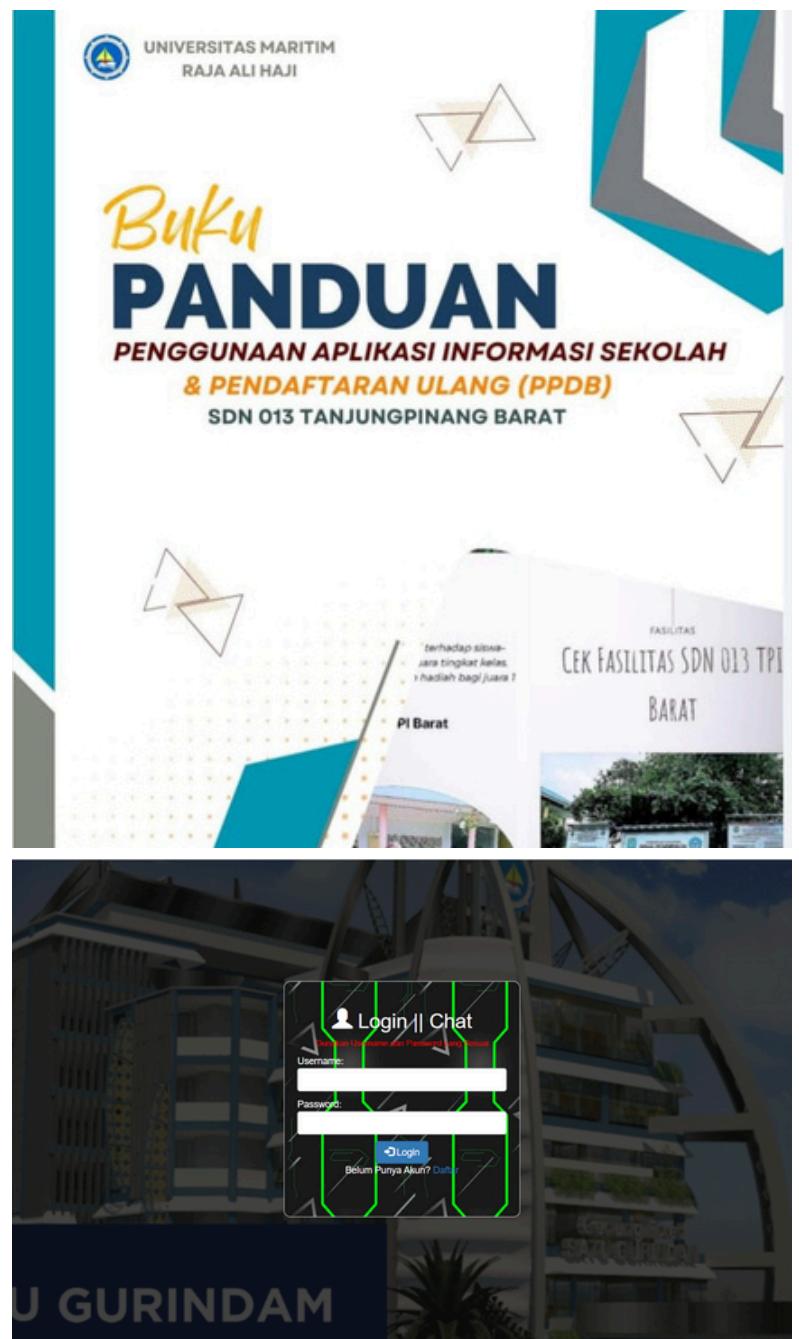
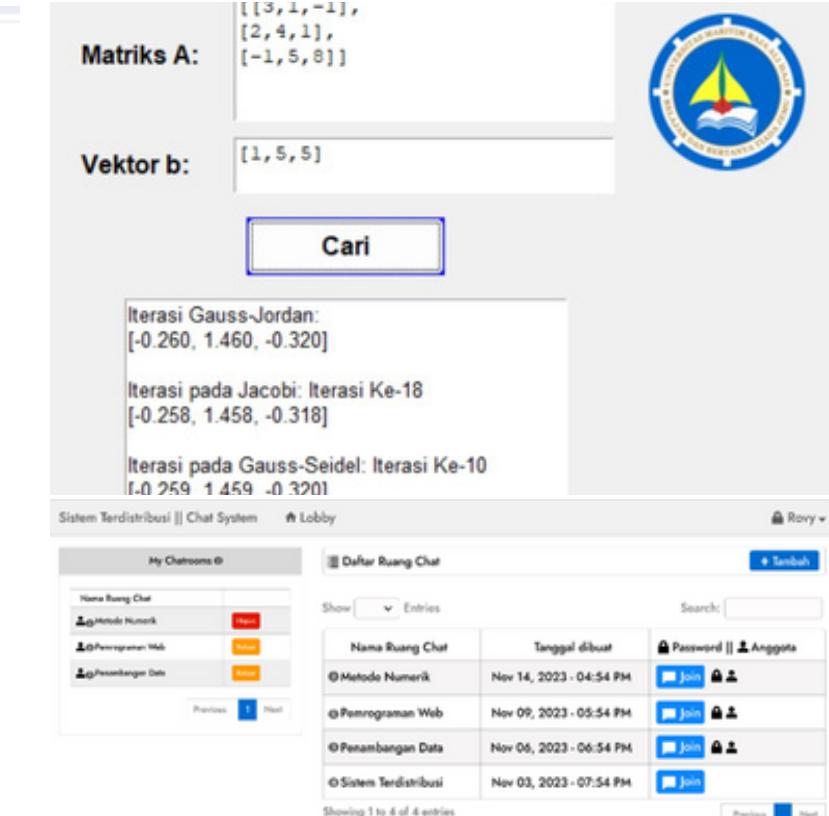
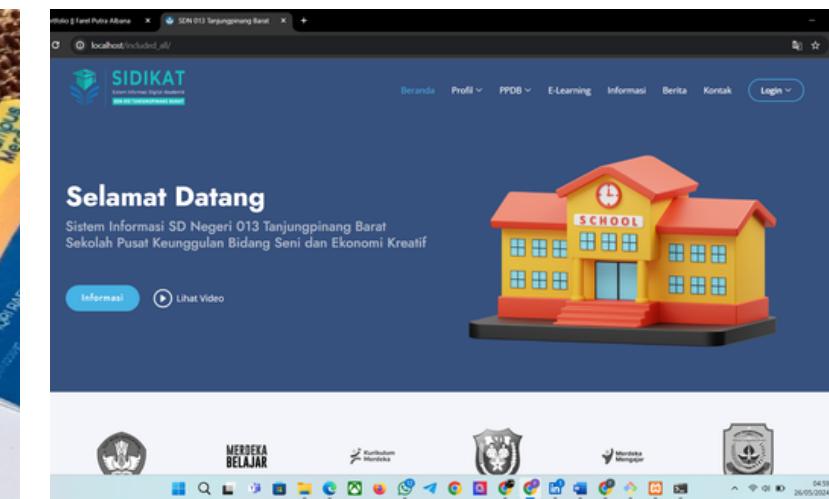
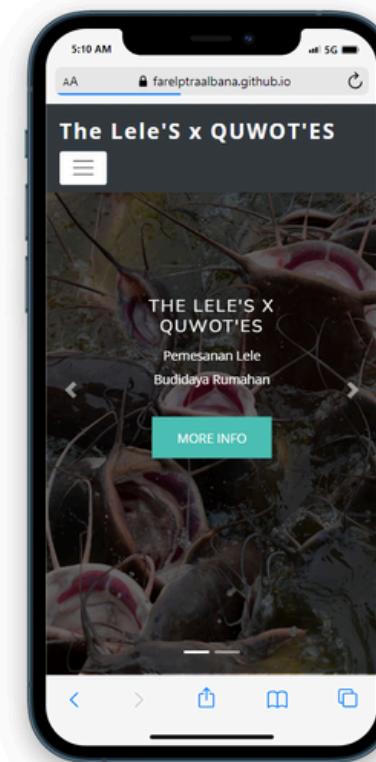
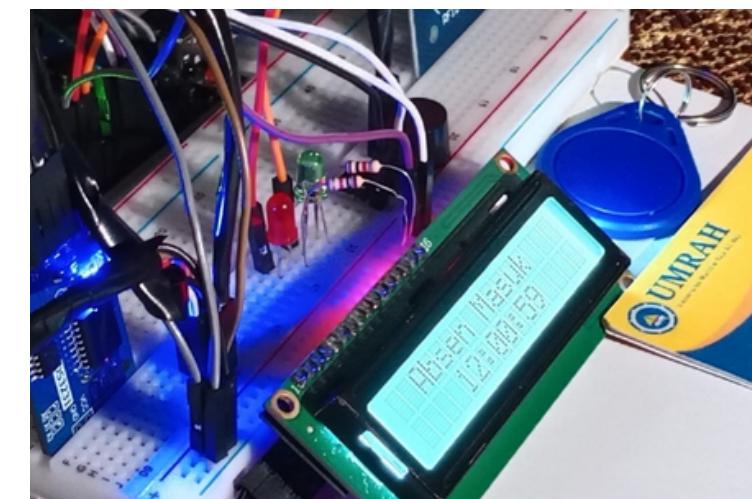
### Perancangan Sistem Informasi dan Pengelolaan Pendaftaran Peserta Didik Baru SD Negeri 013 Tanjungpinang Barat

vita  
STTI INDONESIA

rovy  
Universitas Maritim Raja Ali Haji

Farel  
Universitas Maritim Raja Ali Haji

Fiqri  
Universitas Maritim Raja Ali Haji





Portfolio



Portfolio

**CHECK MY PORTFOLIO**

All Web Article Other

# Data Analyst Project Team

Successfully completed a 4-month data mining internship project at a Tanjungpinang pharmacy, leading a team of 8 in applying the Linear Regression algorithm, improving prediction accuracy by 15%, and presenting the findings titled “Prediction of Medicine Stock Requirements in the Future Using Linear Regression” with the highest score.

[Check this Out!](#)





Portfolio

**CHECK MY PORTFOLIO**

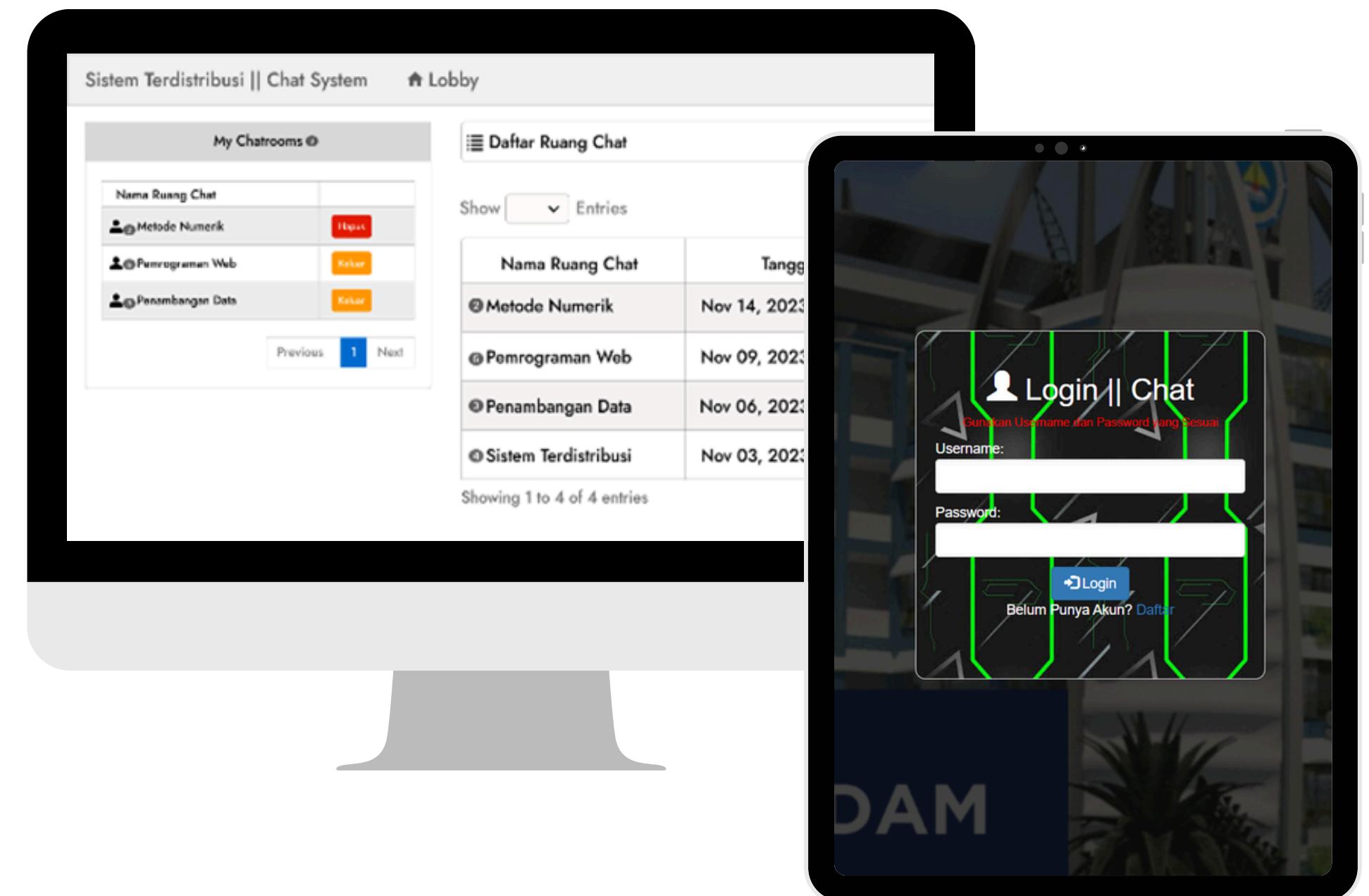
All Web Article Other

# Multi-Server Chat Application System

Developed a Multi-Server Chat Application system, overcoming challenges of ensuring real-time message delivery, handling server failures without data loss, and combining messages from various platforms into one user-friendly interface; personally responsible for the distributed chat UI and system complexity testing, achieving perfect results through teamwork.



[Check this Out!](#)





Portfolio



Portfolio

**CHECK MY PORTFOLIO**

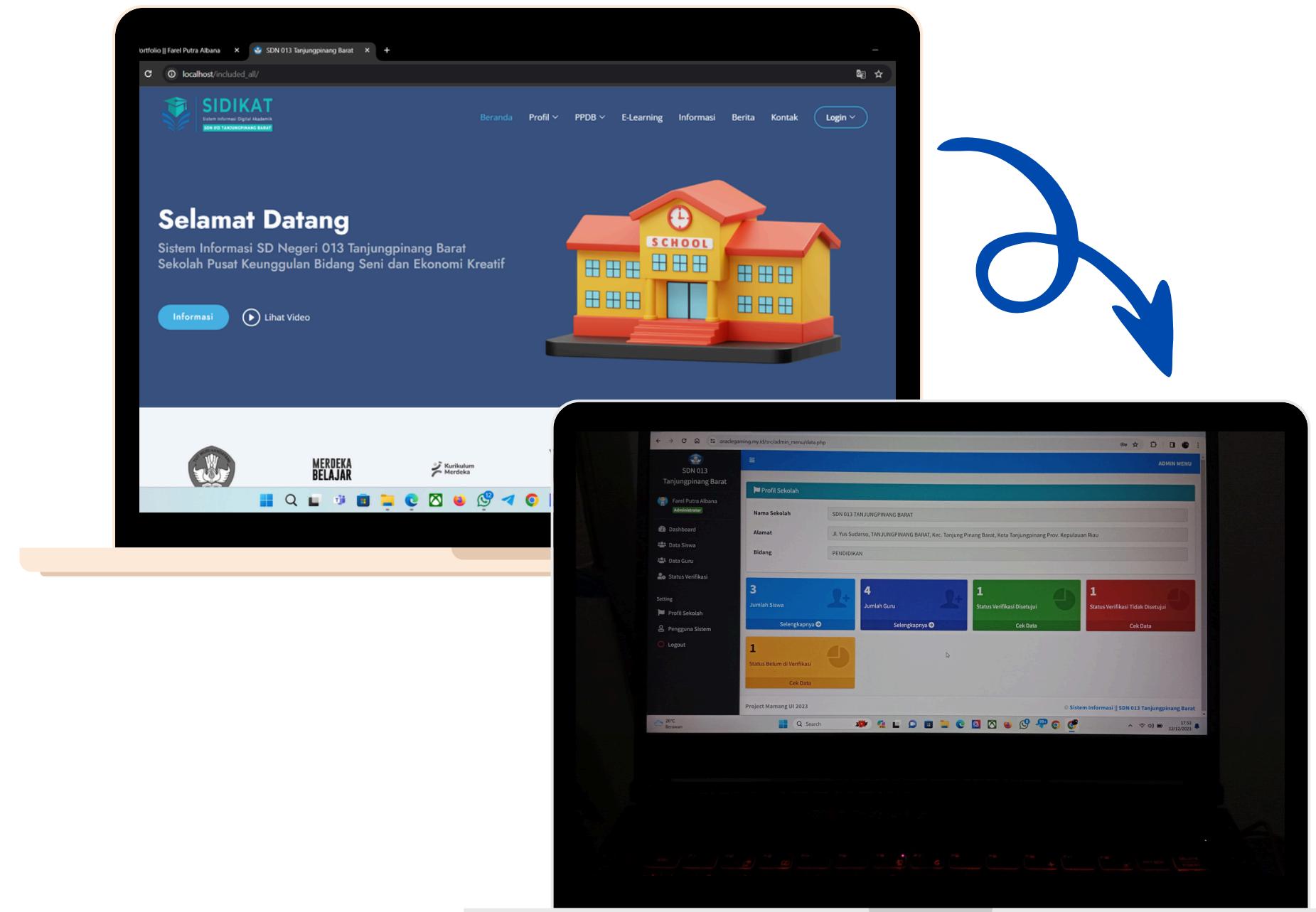
All Web Article Other

# Development of Website Profile and PPDB of SDN 013 Tanjungpinang Barat

An honor to complete the implementation of the school profile and PPDB website for SDN 013 Tanjungpinang Barat with my team, where I served as a Frontend and Backend Web Developer, building the website over approximately 4 months and successfully publishing a journal.



[Check this Out!](#)





Portfolio



Portfolio

**CHECK MY PORTFOLIO**

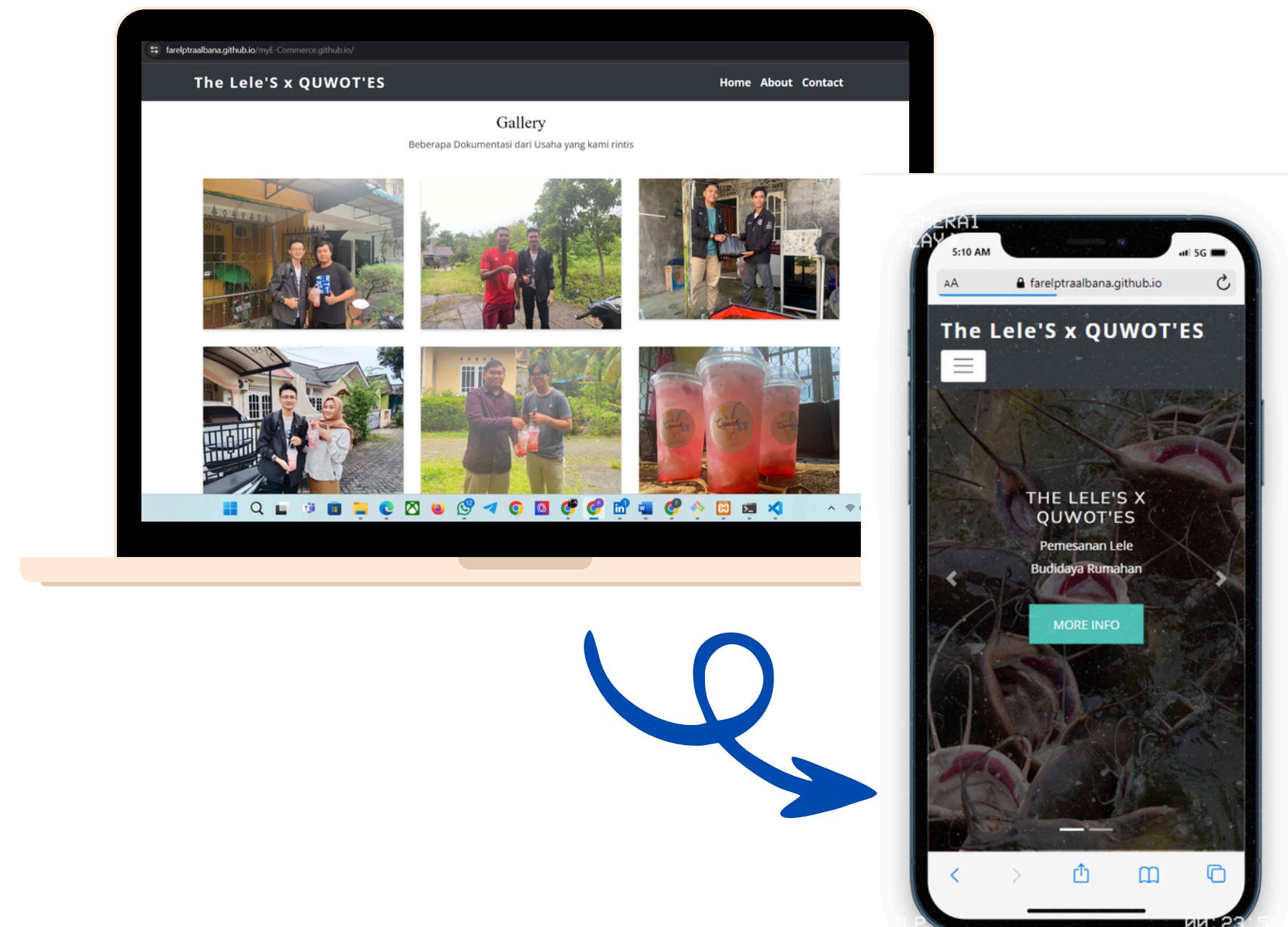
All Web Article Other

# E-Commerce Website

Developed an e-commerce website named QUWOT'ES, hosted on GitHub, aimed at marketing high-quality home-grown catfish and young coconut-based beverages. This project, fulfilling the requirements of the Technopreneurship course, was designed to inspire entrepreneurship by using innovative online solutions for sales and marketing.



[Check this Out!](#)





Portfolio



Portfolio

**CHECK MY PORTFOLIO**

All Web Article Other

# Research and Journal Publication

Successfully conducted a four-month research project at SDN 013 Tanjungpinang Barat on the School Profile Website and Registration for New Learners, resulting in the publication of a journal article titled “Information System and Management of New Student Registration at SD Negeri 013 Tanjungpinang Barat” in Explore Jurnal Informatika dan Komputer in January 2024.

[Check this Out!](#)



## Perancangan Sistem Informasi dan Pengelolaan Pendaftaran Peserta Didik Baru SD Negeri 013 Tanjungpinang Barat

**vita**

STTI INDONESIA

**rovy**

Universitas Maritim Raja Ali Haji

**Farel**

Universitas Maritim Raja Ali Haji



EXPLORER – Volume 14 No 1 Tahun 2024  
Terakreditasi Sinta 5 SK No : 23/E/KPT/2019

p-ISSN : 2087-894X  
e-ISSN : 2656-615X

**Sistem Informasi dan Pengelolaan Pendaftaran Peserta Didik Baru SD Negeri 013 Tanjungpinang Barat**

Vita Rahayu<sup>1</sup>, Rovy Saputra Nugeraha<sup>2</sup>, Farel Putra Albana<sup>3</sup>,  
Mohd. Fiqri Raekhal<sup>4</sup> dan Hardi Prayuda<sup>5</sup>

Universitas Maritim Raja Ali Haji<sup>1,5</sup>  
vitarahayu7400@gmail.com<sup>1</sup>, rovysaputra10@gmail.com<sup>2</sup>, farelptraalbana@gmail.com<sup>3</sup>,  
mfqriraekhal@gmail.com<sup>4</sup>, hardiprayuda2309@gmail.com<sup>5</sup>

**Abstrak** – Sistem Informasi Sekolah dan Pendaftaran Ulang Peserta Didik Baru di SDN 013 Tanjungpinang Barat merupakan inovasi yang strategis dalam menghadapi tantangan pengelolaan data sekolah dan proses pendaftaran ulang yang masih mengandalkan metode manual. Dengan memanfaatkan teknologi informasi, sistem ini bertujuan meningkatkan efisiensi operasional, akurasi data, dan memberikan pengalaman pendidikan yang lebih baik kepada peserta didik dan orang tua. Proses pendaftaran ulang yang saat ini kompleks dan memakan waktu akan diubah menjadi lebih efisien dan transparan. Melalui visibilitas yang ditingkatkan terhadap jadwal, kurikulum, dan perkembangan akademik, sistem ini tidak hanya memenuhi tuntutan peserta didik dan orang tua di era digital, tetapi juga memastikan ketakutan terhadap regulasi pendidikan. Dengan implementasi sistem ini, SDN 013 Tanjungpinang Barat berkomitmen untuk meningkatkan standar layanan pendidikan, mengoptimalkan pengalaman belajar peserta didik, dan menjawab secara efektif berbagai tantangan dalam lingkup pendidikan.

**Kata kunci:** Sistem informasi, perancangan, PPDB, pendidikan, database

**Abstract** – The School Information System and New Student Registration System at SDN 013 Tanjungpinang Barat represent a strategic innovation in addressing the challenges of school data





Portfolio



Portfolio

**CHECK MY PORTFOLIO**

All Web Article **Other**

# Arduino Uno-based Student Attendance System

Successfully developed an Arduino Uno-based Student Attendance System for the Digital System Course, effectively utilizing RFID technology for card detection and implementing efficient data storage in Excel format, enhancing data accuracy and streamlining the attendance tracking process.



[Check this Out!](#)





Portfolio



Portfolio

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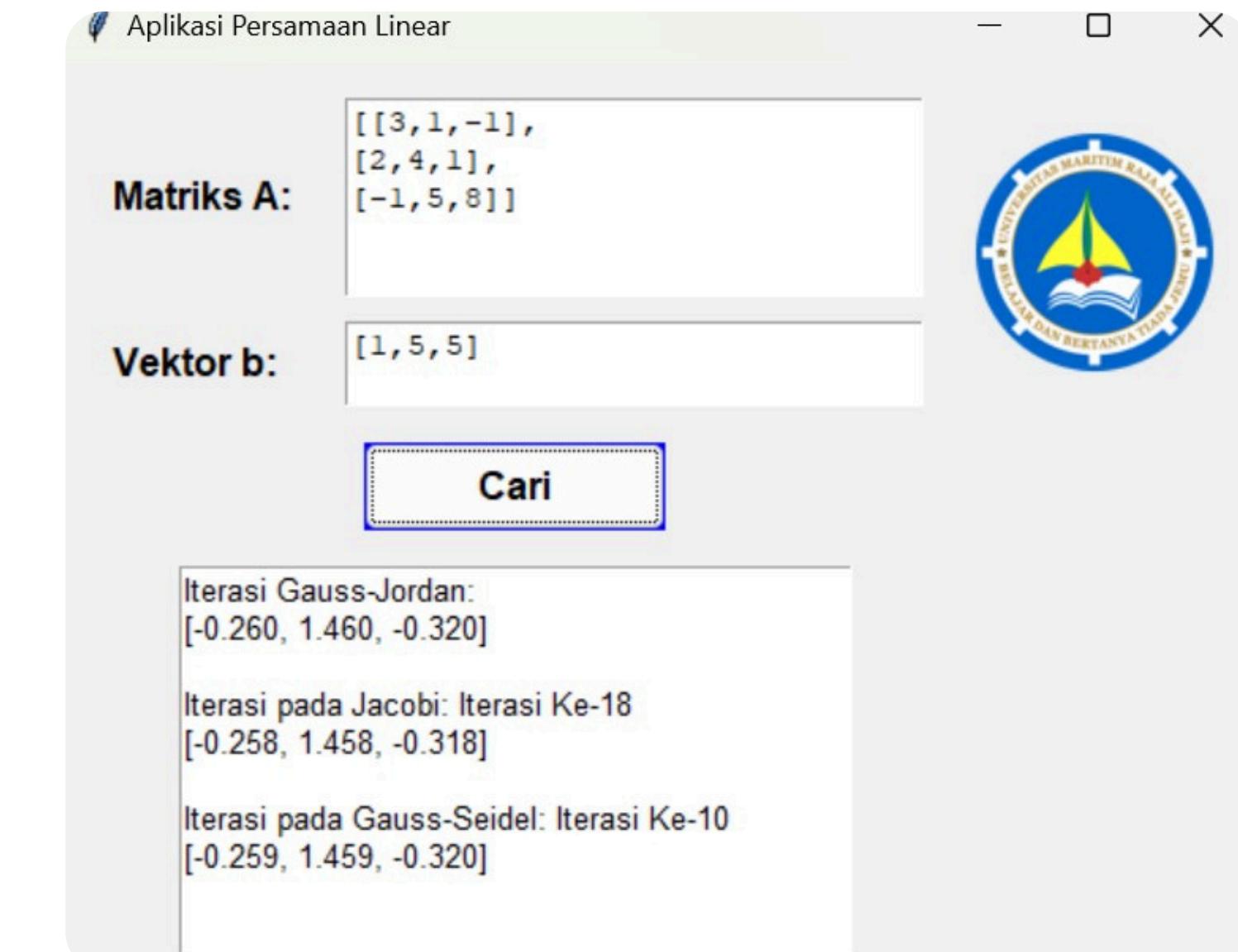
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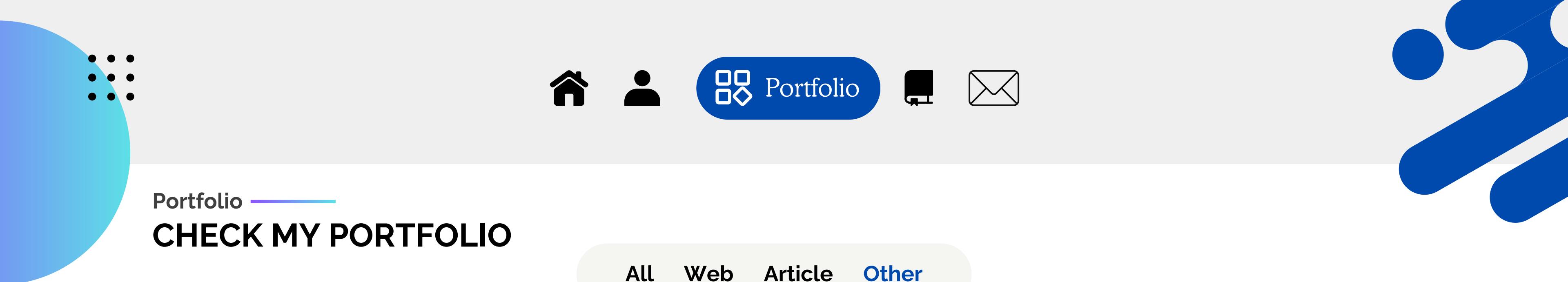
# Review of the Effectiveness of Gauss-Jordan, Jacobi Iteration and Gauss-Seidel Methods in Solution Search Applications

Successfully completed a project reviewing the effectiveness of Gauss-Jordan, Jacobi iteration, and Gauss-Seidel methods in solving linear equation systems, highlighting each method's strengths and weaknesses based on system characteristics.



[Check this Out!](#)



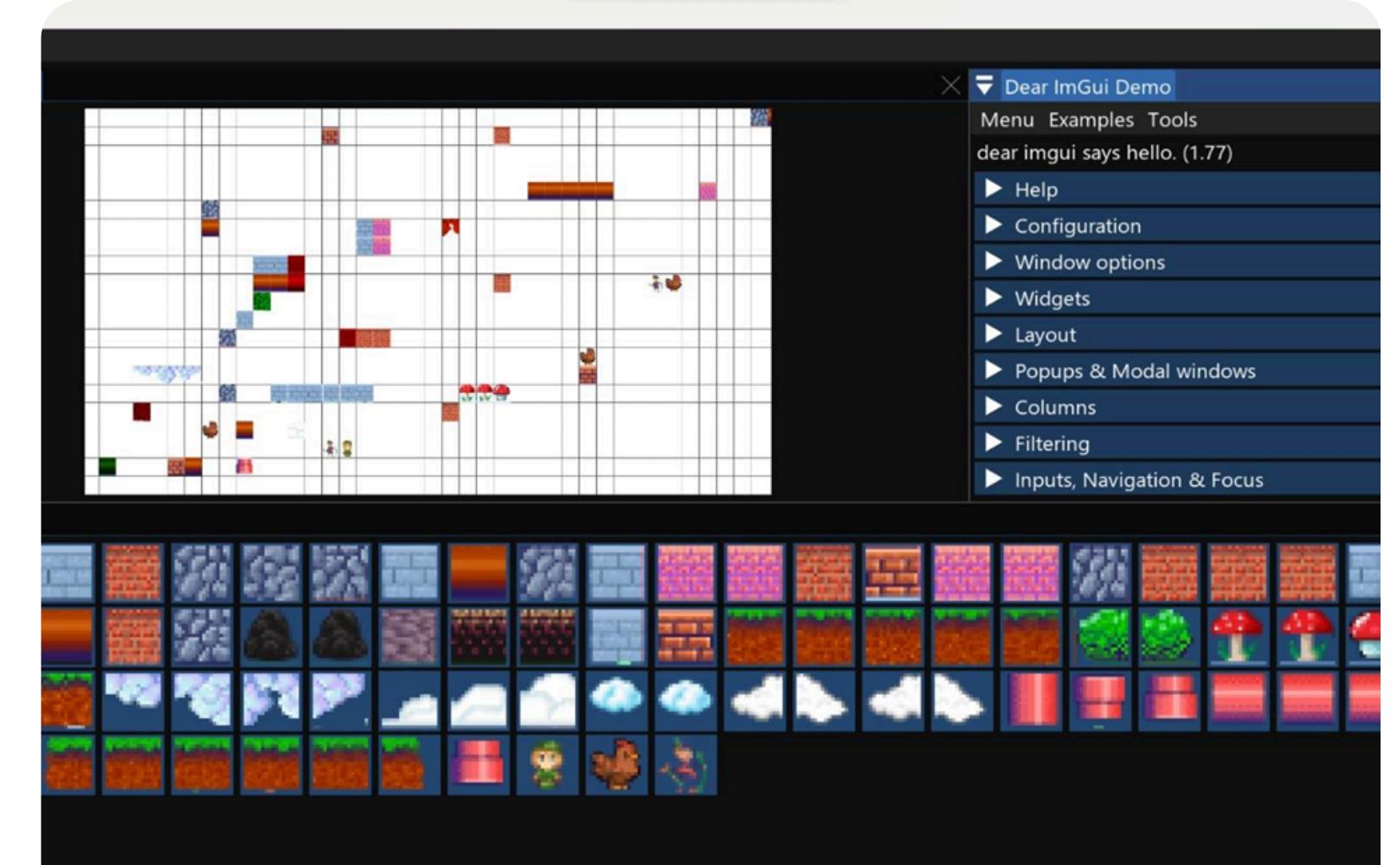


# Game Engine, Computer Graphics Major

Led a challenging Computer Graphics project, integrating the latest technologies to build a game creation platform; developed features like main characters, fonts, and backgrounds, improving user interface and simplifying the game creation



[Check this Out!](#)



Gambar.1 Fitur Game Engine



Portfolio



Portfolio

CHECK MY DESIGN UI/UX

All Web Article Other



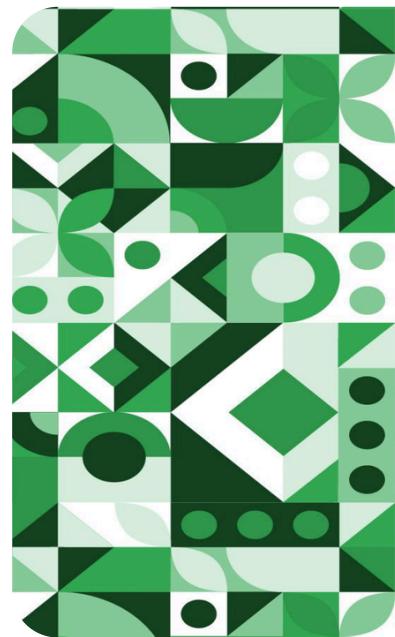
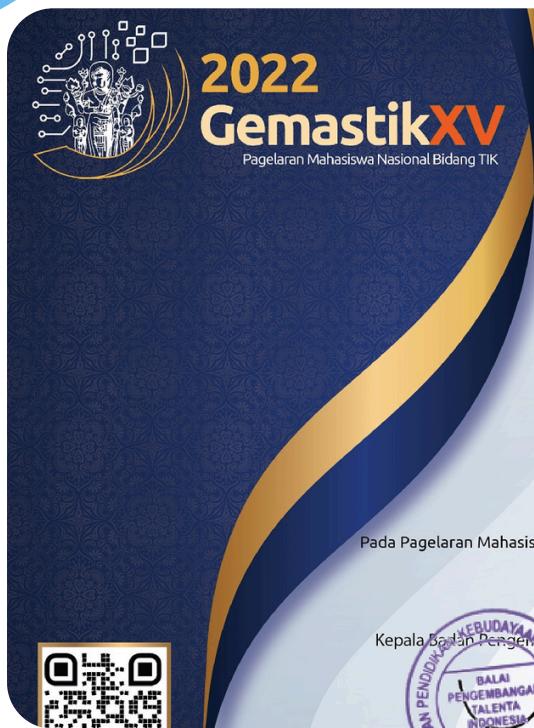


Portfolio



Portfolio

## CHECK MY CERTIFICATE



## CERTIFICATE OF PARTICIPATION

This certificate is presented to

**Farel Putra Albana**

for completing Mini Bootcamp **Introduction to Excel "Jumpstart Your Data Analysis Journey With Microsoft Excel"** on January 15, 2024

  
Ahmad Syihabuddin Zankie  
CEO PT Widya Kreasi Bangsa



## CERTIFICATE

This is to certify that

**Farel Putra Albana**

has successfully completed the  
HTML course



## CERTIFICATE OF PARTICIPATION

This certificate is presented to

**Farel Putra Albana**

for completing Mini Bootcamp **Introduction to Flutter "A Step-By-Step Guide to Mobile Development"** on January 17, 2024

  
Ahmad Syihabuddin Zankie  
CEO PT Widya Kreasi Bangsa



## Portfolio

# CHECK MY CERTIFICATE



Sep 8, 2023

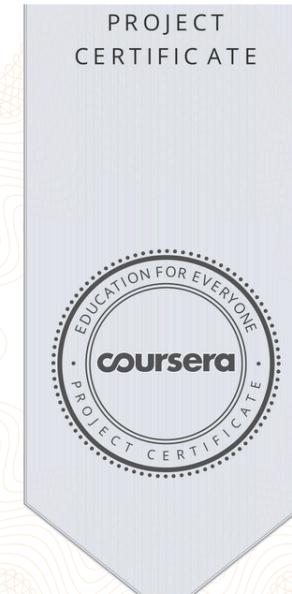
### Farel Putra Albana

has successfully completed

Introduction to Microsoft Excel

an online non-credit project authorized by Coursera Project Network and offered through Coursera

Summer Scaggs  
Subject Matter Expert  
Freedom Learning Group





# Portfolio

## CHECK MY CERTIFICATE



### Certificate of Achievement

#### Farel Putra Albana

has completed the following course:

**BASIC ENGLISH 1: ELEMENTARY**  
KING'S COLLEGE LONDON

This course helped you develop your use of English in a range of everyday situations and built your confidence by improving your listening skills. You've heard people talking in a number of different situations and have had an opportunity to review the language through a series of quizzes.

4 weeks, 4 hours per week

  
Moia Rowsome  
Instructional Designer  
King's College London



The person named on this certificate has completed the activities in the attached transcript. For more information about Certificates of Achievement and the effort required to become eligible, visit [futurelearn.com/proof-of-learning/certificate-of-achievement](https://futurelearn.com/proof-of-learning/certificate-of-achievement).

This certificate represents proof of learning. It is not a formal qualification, degree, or part of a degree.



This transcript should be read alongside the accompanying Certificate of Achievement.



### Certificate of Achievement

#### Farel Putra Albana

has completed the following course:

**BASIC ENGLISH 2: PRE-INTERMEDIATE**  
KING'S COLLEGE LONDON

This online course helped you to demonstrate understanding of language that can help you progress along the path to studying at a university.

4 weeks, 4 hours per week

  
Moia Rowsome  
Instructional Designer  
King's College London



The person named on this certificate has completed the activities in the attached transcript. For more information about Certificates of Achievement and the effort required to become eligible, visit [futurelearn.com/proof-of-learning/certificate-of-achievement](https://futurelearn.com/proof-of-learning/certificate-of-achievement).

This certificate represents proof of learning. It is not a formal qualification, degree, or part of a degree.



### Certificate of Achievement

#### Farel Putra Albana

has completed the following course:

**BASIC ENGLISH 2: PRE-INTERMEDIATE**  
KING'S COLLEGE LONDON

This online course helped you to demonstrate understanding of language that can help you progress along the path to studying at a university.

**STUDY REQUIREMENT**  
4 weeks, 4 hours per week

**LEARNING OUTCOMES**

- Identify language used in everyday situations, such as studying, communicating with classmates, and talking about work
- Develop confidence in key language items useful in a range of different scenarios
- Apply language skills for everyday conversations
- Demonstrate understanding of relevant language that can help the learner progress along the path to studying at a university

**SYLLABUS**

- Asking for directions
- Describing your town and where you live
- Talking about your daily routine and activities
- Talking about technology
- Language for shopping and other daily tasks
- Language for preparing for University



Contact

Contact

## GET IN TOUCH



*“Life is a journey to be experienced, not a problem to be solved.”*



### Location :

Tanjungpinang City, Indonesia



### Email :

farelptraalbana@gamil.com



### Phone :

+62895-3411-50641

### More Information :

