



# GREGORIUS MARCELLINUS ONGKOSIANBHADRA

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Enthusiastic and highly motivated engineering student with leadership, managerial and problem solving skills. Experienced in internal and external campus organizations. Technically competent for designing and implementing efficient solutions in various projects.

## Experiences

**PT INDUSTRI KERETA API (PERSERO) - Madiun, East Java** Feb 2024 - Jun 2024  
**Information Technology Intern**

PT INKA (Persero) is the first integrated train manufacturer in Southeast Asia, with products operating in Indonesia, Bangladesh, Philippines, Malaysia, Thailand, Singapore, and Australia.

- Assists in user support, maintenance, and system repair.
- Developed full stack web for office management, train service, and ERP business processes using the Laravel framework and several supporting libraries.

**PKKPBI ITS - Research Center, ITS** Feb 2023 - Aug 2023  
**Community Service Staf Intern**

PKKPBI is a community service unit that focuses on strengthening research, fostering business innovation, and contributing to industrial and technological progress.

- Conducting observations and data collection to identify potential issues at community service locations.
- Designing and implementing advanced concepts for community service development.

**Telkom Digital Amoeba - Rakamin Academy** Jan 2023  
**UX Researcher Virtual Internship**

Telkom Digital Amoeba is a program by Telkom Indonesia that focuses on incubating innovation within the Telkom Group.

- Engaging in hands-on learning by analyzing and solving real company problems using provided data.
- Engaged in a project aimed at addressing current challenges within Amoeba by utilizing Google Analytics data.

## Educations

**Sepuluh Nopember Institute of Technology - Surabaya, Indonesia** Aug 2021 - Aug 2025  
Undergraduate in Electrical and Automation Engineering - Vocational Faculty, 3.50/4.00

**SMA Negeri 6 Surabaya - Surabaya, Indonesia** Jun 2018 - Jun 2021  
Science, 86.7/100.00

## Organizations

**Catholic Student Community ITS** Mar 2023 - Dec 2023  
**Staff of Human Resources Development Department**

- Developed and assessed a mapping system for over 200 new students.
- Organizing a comprehensive prayer agenda open to all active students.

**Student Executive Board of Vocational Faculty ITS** Mar 2023 - Dec 2023  
**Staff of Semi-autonomous Unit Kepemanduan**

- Implementing and overseeing LKMM and promoting pemandu within the vocational faculty.
- Responsible to the dean of the vocational faculty for the execution of LKMM.

**Pemandu Fakultas Vokasi Forkom Laksmana** Oct 2022 - Nov 2023  
**Staff of Technical Commission**

- Serve as a speaker for each LKMM activity at ITS.
- Accountable for all aspects pertaining to the technical execution of LKMM.

## Volunteers

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### Latihan Keterampilan Manajemen Mahasiswa Pradasar VII FV ITS

Oct 2023 - Dec 2023

#### Chairman

- Develop and oversee a work system to be implemented for over 100 committee members.
- Accountable to the Dean of the Vocational Faculty for the execution of activities attended by 600 participants.

### Catholic Community Cup

Mar 2023 - Sep 2023

#### Head of Equipment and Decoration Subdivision

- Responsible for managing equipment and decorations for national-level competitions, attended 500 participants.
- Monitoring and evaluating the performance of the Perlengkapan dan Dekorasi subdivision staff.

### Industrial Automation Robotic Competition

Jan 2023 - Feb 2023

#### Head of SoccerBot Competition Subdivision

- Designing and implementing the concept for a national-level competition, attended by more than 60 participants.
- Monitoring and evaluating the performance of the Soccerbot subdivision staff.

## Achievements

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### Best Participant Fresh Graduate Academy by Kominfo Indonesia

Jul 2024

### 2nd Place in the Catholic Community Cup Basketball Competition

Jun 2024

### 3rd Place in the National Scientific Poster Festival Riau University

Oct 2023

### Top 5 Digital Talent Scholarship Awardee by Kominfo Indonesia

Sep 2023

### 1st Place for ITS 62nd Anniversary in Men's Basketball Competition

Oct 2022

### Semifinalist of Electra 10 National Olympics

Feb 2021

### Finalist of National Programming and Logic Competition

Jan 2021

### Finalist of Universitas Airlangga Stock Exchange Competition

Nov 2020

## Certifications and Trainings

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### Data Analysis Using Python - Dicoding Indonesia

Aug 2024

### Basic Artificial Intelligence - Dicoding Indonesia

Aug 2024

### Basic Structured Query Language (SQL) - Dicoding Indonesia

Aug 2024

### Microsoft Office Specialist: Excel Associate

Jul 2024

### Machine Learning for Beginners - Dicoding Indonesia

Jun 2024

### Google IT Support Specialization

May 2024

### Getting Started Programming in Python - Dicoding Indonesia

Apr 2024

### Future Mandiri Excellence - Bank Mandiri

Apr 2024

### Google IT Automation with Python Specialization

Mar 2024

### Duolingo English Test Score 115

Feb 2024

### DBS Berpijar - DBS Bank Indonesia

Jan 2024

### Front-End Web - Dicoding Indonesia

Nov 2023

### Mini Bootcamp React JS - Telkom Indonesia

Oct 2023

### Basics of Web Programming - Dicoding Indonesia

Oct 2023

### Junior Web Developer - Indonesian Professional Certification Authority

Sept 2023

### Basics of Data Visualization - Dicoding Indonesia

Mar 2023

### Pelatihan Pemandu LKMM

Oct 2022

### English as a Foreign Language by GLC ITS Score 533

Aug 2021

# Projects

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## **Web Development for Office Management, Train Service, and ERP Business Processes** Feb 2024 – Jun 2024

Project Showcase : [imss1.r3its.com](http://imss1.r3its.com), [imss2.r3its.com](http://imss2.r3its.com), [imss3.r3its.com](http://imss3.r3its.com)

- The project was carried out as one of the assignments during internship at PT INKA
- Using the Laravel Framework with MySQL database and using several libraries such as Bootstrap, Select2, and others

## **Freelance Developer**

Apr 2024 – May 2024

Project Showcase : [kms.r3its.com](http://kms.r3its.com), [ami.r3its.com](http://ami.r3its.com), [kiateknik.r3its.com](http://kiateknik.r3its.com), [larisashop.r3its.com](http://larisashop.r3its.com)

- Have got 2 clients in creating a web company profile
- Uses native programming language with several JavaScript libraries, such as AoS and GSAP

## **Development of a Digital-Based Waste Management Technology Model** Sep 2023 – Dec 2023

Project Showcase : [r3its.com](http://r3its.com)

- Collaboration with the Ministry of Villages, Development of Disadvantaged Regions and Transmigration of the Republic of Indonesia.
- The output comes in the form of policies and an Android-based application on Play Store named R3its, as well as a website named [r3its.com](http://r3its.com).

## **Web and Mobile Based Application for Marketing Village Commodities** Mar 2023 – Aug 2023

Project Showcase : [kopipanderman.r3its.com](http://kopipanderman.r3its.com)

- Collaboration with Pesangrahan Village, Batu City.
- The output includes a community service journal, as well as a website named [kopipanderman.com](http://kopipanderman.com) and an Android-based application on Play Store named Kopi Panderman.

## **Android GPS and Fingerprint Based Laboratory Attendance System** Sep 2022 – Dec 2022

- Collaboration with the Microelectronics and Embedded Systems Laboratory ITS.
- The output is an Android-based application equipped with GPS location tracking and facial recognition capabilities.

## **IoT-Based Laundry Delivery Service System** Feb 2022 – Jul 2022

- Collaboration with the Microelectronics and Embedded Systems Laboratory ITS.
- The output is in the form of IoT hardware devices, miniature models demonstrating usage and websites.