

# Zulkifli Raihan

zuran2907@gmail.com

+6285691166309

[linkedin.com/in/zulkifliraihan](https://linkedin.com/in/zulkifliraihan)

<https://github.com/zulkifliraihan>

## Summary

Experienced professional with a strong background in backend and fullstack development, boasting 4 years of industry experience. Skilled in PHP with Laravel & Codeigniter framework, Javascript & Typescript with Node.js, Express.js, and Vue.js, I have successfully developed and deployed robust web applications. Additionally, I have hands-on experience with Golang with Fiber framework, C# with .NET framework, and React.js.

I am enthusiastic about Backend Development and Fullstack Development, and I am always eager to learn new things. I am confident that I have the skills and experience that you are looking for in a Backend Developer or Fullstack Developer.

## Experience

### Full Stack Developer

C CHANNEL Indonesia

Sep 2022 - Present (1 year 6 months)

As a Fulltime Fullstack Developer at C Channel Indonesia.

My Responsibilities:

- Developed systems using PHP with the Laravel framework, Javascript and Typescript with the Vue JS framework, and utilized MySQL for the database.
- Developed APIs using GraphQL for mobile application.
- Integrated with third-party platforms such as META (Facebook & Instagram), TikTok, and Payment Gateway through API connections.



### Software Developer

PT Arah Environmental Indonesia

Aug 2022 - Mar 2023 (8 months)

As a Freelance Software Developer at PT Arah Environmental Indonesia.

My Responsibilities:

- Developed internal system using PHP with the Laravel and Codeigniter framework, Typescript with the Node JS(Express JS) framework, and PostgreSQL for the database.
- Developed Automation Testing using Selenium Framework.
- Integrated with APIs from E-Materai Indonesia, Digital Signature, and Faktur Pajak for E-Invoice.



### Technical Lead Developer

Telkom Indonesia

Dec 2021 - Dec 2022 (1 year 1 month)

As a Fulltime Technical Lead Developer at Tribe Pesantren Go Digital.

My Responsibilities:

- Designed and created an ecosystem or work habits for the team I led, including conducting Daily Sprints every morning, Weekly Sprints at the end of each workday, and Monthly Reviews to assess individual progress and tasks.
- Created template documents for Product Requirements (PRD) and Functional Requirements Specification (FRS) for Project/Product Managers.
- Analyzed and made technical decisions regarding architecture, programming languages, and tools. Implemented Git Feature Workflow and various development code patterns, such as the Repository Pattern.
- Analyzed and discussed project/feature timelines in collaboration with Project/Product Development, Developers, and QA.
- Contributed to code development and conducted code reviews according to agreed-upon coding standards.

## Fullstack Developer

Telkom Indonesia

Jun 2021 - Dec 2022 (1 year 7 months)

As a Fulltime Fullstack Developer at Tribe Pesantren Go Digital.

My Responsibilities:

- Designed and developed an system using Golang with the Fiber framework, PHP with Laravel & Lumen frameworks, Javascript and Typescript with the Next JS Node JS, Express JS frameworks, and MySQL for the database.
- Developed Single Sign-On (SSO) Authentication, allowing users to access other applications without the need for reauthentication.
- Developed Automation Testing using Selenium Framework and Cypress Framework.
- Deployed to a Ubuntu-based VPS server and cPanel.

## Software Engineer

Nawatech

Jan 2022 - Jun 2022 (6 months)

As a Part-time .NET Programmer.

My Responsibilities :

- Developed internal system using Javascript, jQuery, C#, .NET and SQL Server for the database.
- Using method agile.

## Information Technology Programmer

LPKN Training Center

Sep 2020 - Sep 2021 (1 year 1 month)

As a Fulltime IT Programmer at LPKN Training Center.

My Responsibilities:

- Developed internal system using PHP with the Laravel framework, Javascript with the React JS & Vue JS frameworks, Socket IO, and MySQL for Databases. With Domain Driven Design pattern.
- Developed external several systems, namely Vendor Management, Rencana Umum Pengadaan, and E-Tender, for use by Jasamarga company.

- Deployed to a Ubuntu-based VPS server and cPanel.

## Bootcamp Sekolah Programmer

Aug 2019 - Nov 2019 (4 months)

Experience List

- Learn programming language ( PHP, Python, CSS, and etc )
- Learn basic computers
- Learn Framework Laravel
- Creating the Final Project
- and others related to work

## Education

### Sekolah Tinggi Teknologi Terpadu Nurul Fikri

Bachelor's degree, Teknik Komputer

Sep 2021 - Sep 2024

Computer Science (Teknik Informatika)

## Licenses & Certifications

### MikroTik Certified Network Associate (MTCNA) - MikroTik

Issued Oct 2018 - Expires Oct 2021

1810NA1530

### Bootcamp Sekolah Programmer

679/S/NF COM/XI/2017

## Skills

PHP • Laravel • JavaScript • TypeScript • Vue.js • Node.js • Go (Programming Language) • Test Automation • SQL • Git

# PORTFOLIO

Zulkifli Raihan

<https://github.com/zulkifliraihan>

*Fullstack Developer*

## Projects (Latest - Oldest)

### 1. IRM Lemon APP (C Channel Indonesia)

IRM Lemon is a platform developed by PT. C Channel Indonesia that facilitates brands in promoting their products through influencers who have partnered with C Channel Indonesia. It also allows influencers to engage with brands and endorse products online. Essentially, this application is quite similar to Neo Lemon & KOL Lemon App, but it incorporates several new features unique to IRM. And The technology stack used in the development of Neo Lemon includes :

- Back-end: PHP, Laravel
- Front-end: Javascript & Typescript, Vue JS
- Database: MySQL
- Integrations: API Meta (Facebook & Instagram), API Tiktok, Payment Gateway, GraphQL, and others

The screenshot shows the 'Campaign List' page of the IRM Lemon APP. The interface is dark-themed. On the left, there's a sidebar with navigation links: Dashboard, Influencer, Campaign (which is currently selected), Notifications, and Settings. At the bottom left of the sidebar, there's a user profile icon with the initials 'IS' and the name 'Imam Susanto' along with the email 'abc.immans@gmail.com'. The main content area has a header 'Campaign List' with a search bar and filter buttons. Below the header, there are two cards showing campaign details for 'Prof. Alexandria Hilpert Sr.' and 'Maximo Thiel'. Each card displays the following information:

ID	#1
Status	draft
Visibility	Public
SOWs	IG Feed   IG Story
Reward	Gifting
Modules	Drafting
Owner	Imam Susanto
Created At	7 November 2023
Last Update	7 November 2023

At the bottom right of each card, there are 'Edit' and 'View' buttons. Above the cards, there are buttons for 'Truncate Campaign' and 'Create Campaign'.

### 2. Neo Lemon APP (C Channel Indonesia)

Neo Lemon is a platform developed by **PT. C Channel Indonesia** that helps brands to advertise their products through influencers who have partnered with C Channel Indonesia. The platform offers various ad display packages that can be customized according to the brand's needs, from ad display in video content to promotion through social media. The technology stack used in the development of Neo Lemon includes :

- Back-end: PHP, Laravel
- Front-end: Javascript & Typescript, Vue JS
- Database: MySQL
- Integrations: API Meta (Facebook & Instagram), API Tiktok, Payment Gateway, GraphQL, and others

The screenshot shows the Neo Lemon Admin Area interface. At the top, there is a navigation bar with links for 'Campaigns', 'Scouting', 'Brands', 'Shortlists', and 'Search'. On the right side of the header, there are buttons for '+ New', a gear icon, and a red square icon. Below the header, the main content area is titled 'All Campaigns' with a 'Create New Campaign' button. To the left, there is a 'Filter Campaign' sidebar with fields for 'Keyword', 'Package', 'Status', 'Task', 'Type', and 'Owner'. The main table displays three campaign entries:

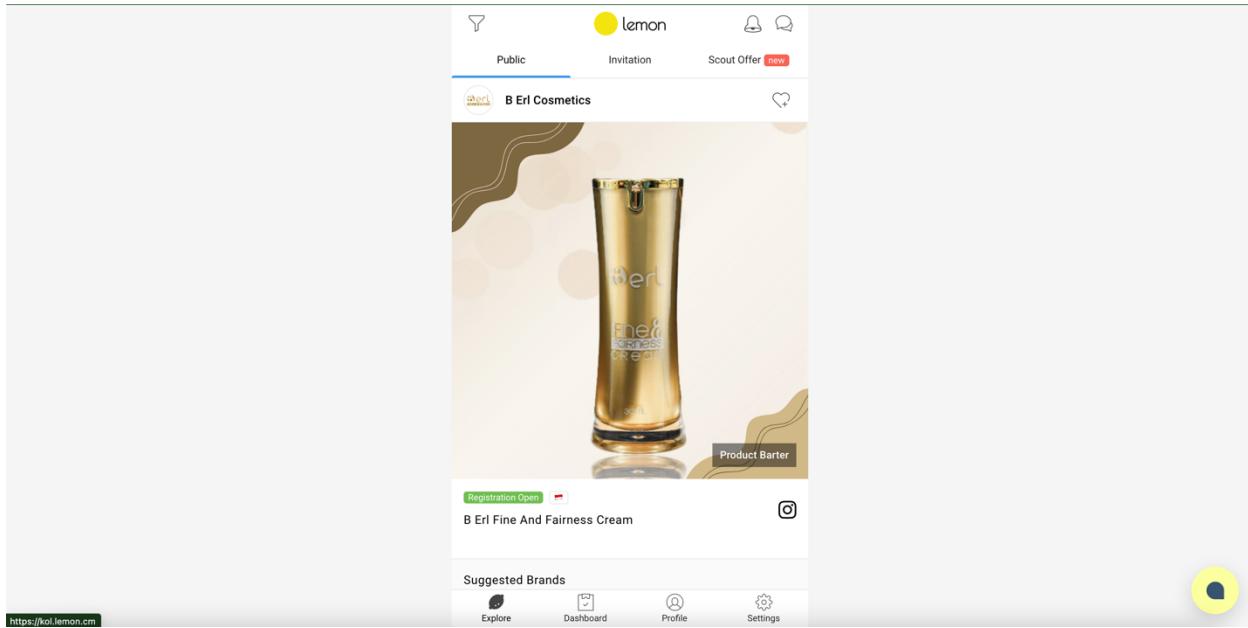
ID	Title	Advertiser	Type	Status
#1485	Buttered Lip Balm - LIP BALM VIRAL DENGAN SPF 15 BROAD SPECTRUM	For Skin's Sake	Tiktok Video	Draft
#1481	AstroGoods - Pasar Segar Astro	Astro Goods	Instagram Story	Ready
#1480	B Erl Fine And Fairness Cream	B Erl Cosmetics	Instagram Reels	Ready
#1479	CHALLENGE B ERL EYE FELLA SERIES	B Erl Cosmetics	Instagram Reels	Ready

### 3. KOL Lemon (C Channel Indonesia)

KOL Lemon is an application that enables influencers to connect with brands and promote products online. The app is developed by **PT. C Channel Indonesia**, a health and fitness company in Indonesia. KOL Lemon makes it easier for influencers to manage their promotional campaigns and provides access to various analytical data that can help them optimize their campaign performance.

The technology stack used in the development of KOL Lemon includes :

- Front-end: Javascript & Typescript, Vue JS PWA



#### 4. Chatbot WhatsApp

The Whatsapp Chatbot is an intelligent chatbot platform integrated with Whatsapp to assist admins in efficiently responding to direct messages (DMs) without the need to be online 24/7. This chatbot is equipped with Azure LUIS AI, allowing it to automatically understand and match incoming messages to specific categories or criteria to generate appropriate responses.

The technology stack used in the development of Pesantren Hub includes :

- Back-end: Typescript, Node JS (Express JS)
- Integration: Whatsapp Package API, Azure LUIS AI

## 5. E-Invoice (PT. Arah Environmental Indonesia)

E-Invoice is an electronic invoicing application developed for PT. Arah Environmental Indonesia's internal use. The app is designed to simplify the process of creating and managing invoices electronically. E-Invoice comes with features such as downloading invoices in ZIP or PDF and sending emails to customers along with the e-invoice file to facilitate the payment process. With E-Invoice, businesses can streamline their invoicing processes and reduce the need for manual invoicing.

The technology stack used in the development of E-Invoice includes :

- Back-end: PHP, Laravel, Typescript, Node JS (Express JS)
- Front-end: PHP, CodeIgniter (CI), Javascript, JQuery
- Database: PostgreSQL
- Integration: API E-Materai, API Faktur Pajak, and others.

## 6. Chatbot Instagram

The Instagram Chatbot is an intelligent chatbot platform integrated with Instagram to assist admins in efficiently responding to direct messages (DMs) without the need to be online 24/7. This chatbot is equipped with Azure LUIS AI, allowing it to automatically understand and match incoming messages to specific categories or criteria to generate appropriate responses.

The technology stack used in the development of Pesantren Hub includes :

- Back-end: Javascript, Node JS (Express JS)
- Integration: Instagram Package API, Azure LUIS AI

The screenshot shows a conversational interface between a user and a chatbot. The user's messages are on the left, and the bot's responses are on the right. The user asks about scholarships, and the bot provides information about Sampoerna University's merit awards and contact details. The user then asks how to apply, and the bot provides a step-by-step guide. Finally, the user asks about faculty information, and the bot lists the three faculties and their programs.

Is there any scholarship?

Sampoerna University offers different types of Merit Awards ranging from 25% up to 100%. For more detail please call 021 520 22 234 xl. 0/0 or on our email student.recruitment@sampoernaundergraduate.ac.id

student.recruitment@sampoernaundergraduate.ac.id

How to apply in this university?

Just login to [REDACTED] apply/ and follow the simple step below:

- Fill in the online application form
- Submit scan/copy of your last one year transcript (semester 1&2 report card of your last grade)
- Pay IDR 500,000 application fee (non-refundable)
- Schedule your Placement Test
- Take our English & Math entrance test:
  - a. 1st test - Basic Skill Test (English Reading, Writing, Listening)
  - b. 2nd test - Advanced Skill Test (English Reading, Writing, Mathematic)

Can I get the faculty information?

In the [REDACTED] we have 3 faculty, such as:

1. Faculty of Business (FoB)
  - Entrepreneurship
  - Banking & Finance
  - Digital Marketing
  - Accounting
2. Faculty of Engineering and Technology (FET)
  - Mechanical Engineering
  - Industrial Engineering
  - Visual Communication Design
  - Computer Science / (Electrical and Computer Engineering)
  - Information Systems
3. Faculty of Education (FoE)
  - English Language Education
  - Mathematics Education

Double degree with Arizona University is available for Faculty of Engineering and Technology: Mechanical Engineering, Industrial Engineering, Computer Science / Electrical Computer Engineering, and Information System / Applied Computing. Then, for Faculty of Business is available only for Management.

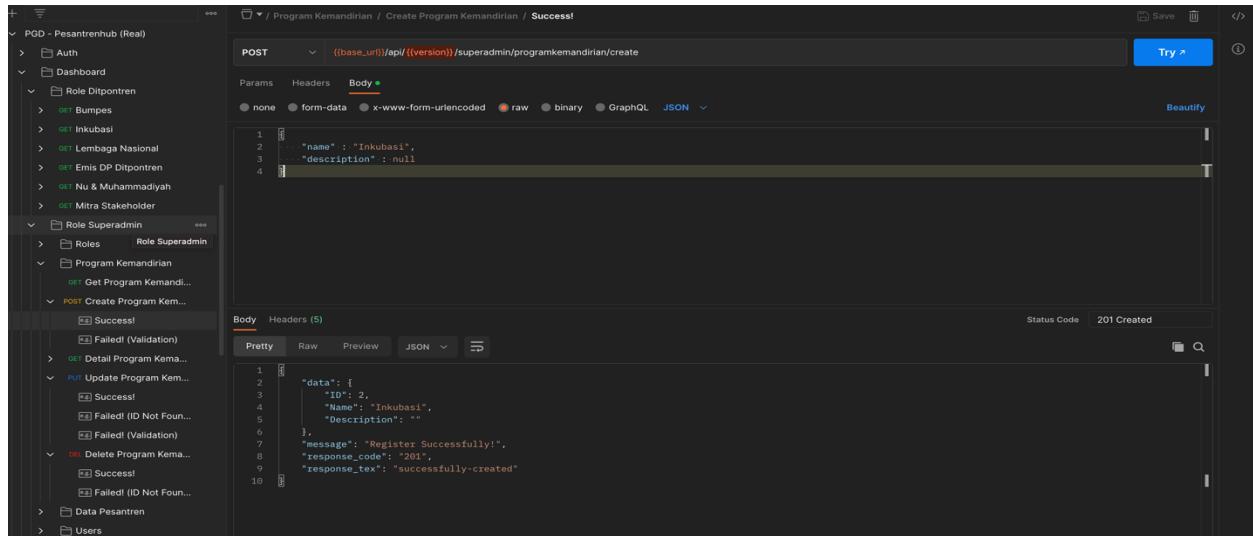
## 7. Pesantren Hub (Telkom Indonesia)

Pesantren Hub is a powerful backend application developed to provide a centralized hub for all pesantren-related information. The app is designed to be a reliable and efficient solution for users to find the information they need for each pesantren, making it a central source for pesantren-related information.

To achieve this, Pesantren Hub is integrated with various databases, including the Ministry of Religious Affairs' and Telkom Indonesia's databases, enabling it to map and locate pesantren throughout Indonesia. This integration allows the app to provide complete and accurate pesantren information for users.

The technology stack used in the development of Pesantren Hub includes :

- Back-end: Go, Fiber
- Database: PosgressSQL
- Integration: Database Ministry of Religious Affairs Indonesia



## 8. Store PGD (Telkom Indonesia)

Store PGD is a platform developed by Telkom Indonesia for pesantren (Islamic boarding schools) that face various challenges. This platform serves as a solution to address their specific issues. For example, it provides Internet connectivity solutions through services like Indihome or Orbit.

The technology stack used in the development of Store PGD includes :

- Back-end: PHP, Laravel
- Front-end: Javascript, JQuery, Laravel
- Database: MySQL

The screenshot shows the main dashboard of the Pesantren Go Digital platform. On the left, a green sidebar menu lists six options: Dashboard, Layanan, Invoice, Data Santri, Profile, and Bantuan. The 'Layanan' option is selected. The main content area is titled 'Daftar Layanan' and displays two service cards. The first card, 'Website Builder', is labeled 'AKTIF' and shows a laptop screen with a website preview. It includes a description: 'Website untuk Pesantren dengan domain Gratis yang bisa dibuat dengan mudah dan cepat.' and two buttons: 'Lihat Layanan' and 'Beli Layanan'. The second card, 'Kartu Santri', is labeled 'TIDAK AKTIF' and shows a laptop and smartphone displaying data. It includes a description: 'Kartu Digital atau Kartu Santri merupakan solusi dari permasalahan terkait keuangan di lingkungan Pesantren.' and a 'Beli Layanan' button. At the bottom of the main content area, there is a copyright notice: 'Copyright © 2023 Pesantren Go Digital, All rights reserved.'

## 9. Website Builder (Telkom Indonesia)

Website Builder is a platform provided by Telkom Indonesia to offer a solution for pesantren (Islamic boarding schools) to easily create their own websites without the need for coding. This project can be considered as a simplified version of WordPress, enabling users to quickly build websites without hassle.

The technology stack used in the development of Website Builder includes :

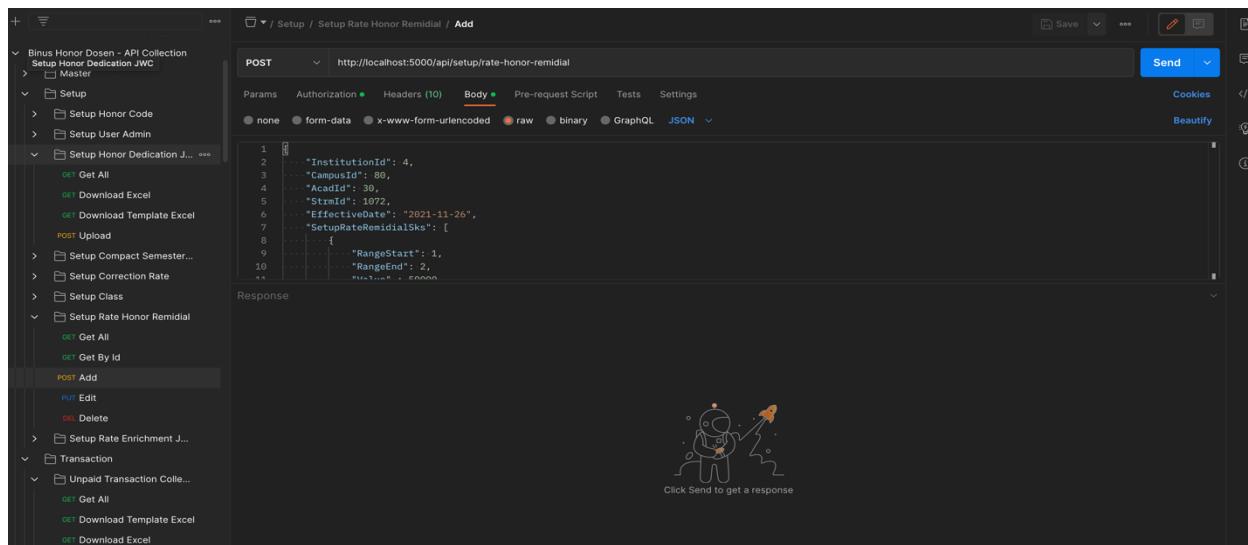
- Back-end: PHP, Laravel
- Front-end: Javascript, Next JS
- Database: MySQL

The screenshot shows the dashboard of the Pesantren GO Digital website. At the top right, it says 'Hi, Zulkifli Raihan' with a profile icon. The main header reads 'Hi Zulkifli Raihan, Selamat Datang di Dashboard Pesantren GO Digital'. Below the header, a message says 'Belum ada kunjungan hari ini'. The dashboard features two large cards. The left card, titled 'Pelajari Tutorial', shows an illustration of three people working on a large yellow lightbulb. The right card, titled 'Buat/Pilih Tema Situs Sekarang', shows an illustration of a person sitting at a desk with a computer monitor displaying a green interface. At the bottom of each card is a green button: 'Pelajari Tutorial' and 'Buat/Pilih Tema Situs Sekarang'. On the left side of the dashboard, there is a sidebar with a tree icon and a list of navigation items: Beranda, Desain Situs Pesantren (with sub-items: Tema Situs Pesantren, Buat Tema Situs Pesantren, Lihat Situs Pesantren), Artikel / Berita, Galeri, Pengaturan (with sub-items: Detail Situs, Atur Domain), and Keluar.

## 10.Binus Honor

Binus Honor is an application developed by Nawatech for Binus University. This application is specifically designed to manage the honorarium of the university's lecturers, the lecturer attendance system, and other internal aspects. Through Binus Honor, lecturers can easily submit honorarium requests, manage attendance, and access information regarding honor payments. The application accelerates administrative processes, enhances transparency, and improves efficiency in managing lecturer honorarium at Binus University. The technology stack used in the development of Binus Honor includes :

- Back-end: C#, .NET Core
- Front-end: Javascript, JQuery
- Database: MySQL
- Integration : API Internal Binus University



## 11.Daftar Rekanan Jasamarga / Jasamarga Contractor List - DRJM (LPKN Training Center)

Daftar Rekanan Jasamarga / Jasamarga Contractor List (DRJM) is a project developed by LPKN Training Center for Jasamarga to create and manage a database of contractors or business partners collaborating with the company. DRJM serves as a system that records and manages information related to contractors, such as company data, qualifications, work experience, and their availability to participate in Jasamarga projects. This system helps Jasamarga in selecting and establishing effective partnerships with high-quality contractors. The technology stack used in the development of DRJM includes :

- Back-end: PHP, Laravel
- Front-end: Javascript, JQuery, Laravel
- Database: MySQL



## 12. Rencana Umum Pengadaan – RUP (LPKN Training Center)

The General Procurement Plan (RUP) is a project developed by LPKN Training Center for Jasamarga. The project aims to implement an e-procurement system for Jasamarga, providing an efficient and transparent process for the procurement of goods and services. Enabling the vendors to access tender information, submit bids, and facilitate the entire procurement process online. The technology stack used in the development of RUP includes :

- Back-end: PHP, Laravel
- Front-end: Javascript, JQuery, Laravel
- Database: MySQL

No.	Nama Paket	Jenis Pengadaaan	PDN	Waktu Pemilihan	Pagu Anggaran (Rp.)
1	Pengadaan Jasa Lain Pengoperasian dan Pe...	Jasa Lainnya	Ya	Desember 2020	10.232.274.780
2	Layanan Internet Kantor Pusat dan Koneks...	Jasa Lainnya	Ya	Desember 2020	180.000.000
3	PENGADAAN JASA PENGELOLAAN MEDIA CENTER ...	Jasa Lainnya	Ya	Januari 2021	1.234.000.000
4	PENGADAAN JASA PRODUKSI KONTEN KOMUNIKAS...	Jasa Lainnya	Ya	Januari 2021	1.500.000.000
5	PENGADAAN JASA LAIN LAYANAN INTERNET KAN...	Jasa Lainnya	Ya	Januari 2021	180.000.000

## 13. E-Tender (LPKN Training Center)

E-Tender is a project developed by LPKN Training Center for Jasamarga to implement an electronic tendering system (e-tender). The E-Tender platform enables the entire tendering process to be conducted online, from tender announcements and document submissions to

evaluation and selection of tender winners. The project aims to enhance efficiency and transparency in the tendering process. The technology stack used in the development of E-Tender includes :

- Back-end: PHP, Laravel
- Front-end: Javascript, JQuery, Laravel
- Database: MySQL

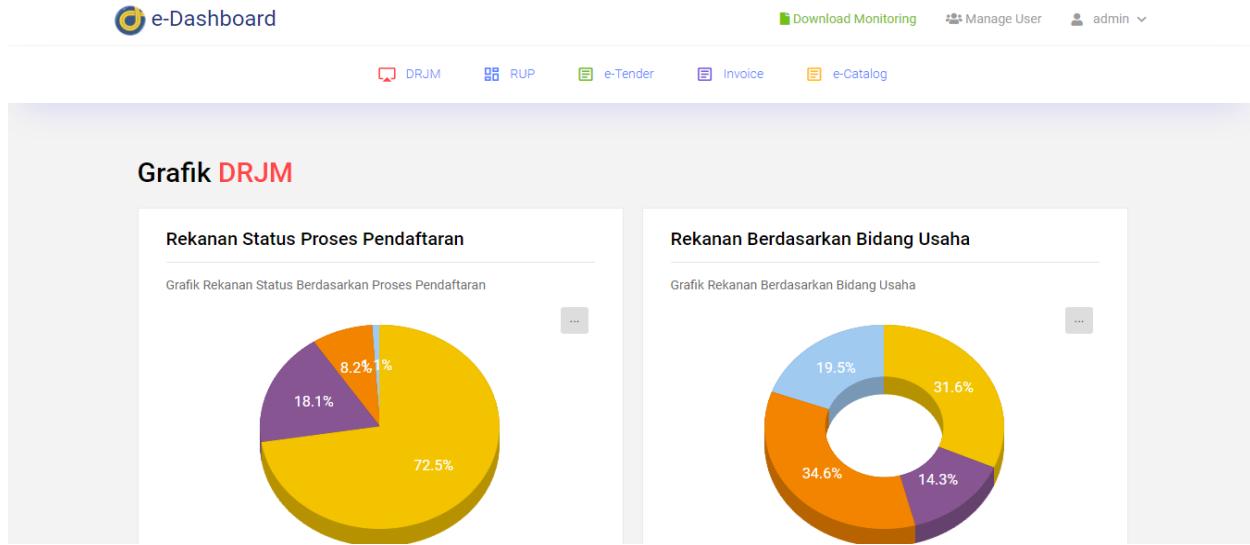
The screenshot shows a web-based application for tender management. At the top, there is a header with the Jasamarga logo and a login link. Below the header, a message says "Selamat Datang Di Aplikasi e-Tender". The main content area is a table listing tenders. The table has columns for "ID Tender", "Nama Tender", and "Tanggal Pelaksanaan". One row is visible, showing ID TI.090321.1, Tender Name "Paket testing 9 Maret untuk user PB", and Dates "09 Mar 2021 11:46" to "19 Mar 2022 11:46". Below the table, it says "Showing 1 to 1 of 1 entries". At the bottom right, there are navigation buttons for "Previous", "1", and "Next".

e-Procurement © 2020 PT Jasa Marga (PERSERO) Tbk.

## 14. E-Dashboard (LPKN Training Center)

E-Dashboard is a project developed by Jasamarga to create a digital dashboard that consolidates data from three previous applications: Jasamarga Contractor List (DRJM), General Procurement Plan (RUP), and E-Tender. The dashboard aims to provide a comprehensive overview of information related to contractors, procurement processes, and tender execution in a user-friendly interface. E-Dashboard provides interactive data visualization, facilitating effective management and decision-making for Jasamarga. The technology stack used in the development of E-Dashboard includes :

- Back-end: PHP, Laravel
- Front-end: Javascript, JQuery, Laravel
- Database: MySQL



## 15. Broadcast Whatsapp (LPKN Training Center)

Whatsapp Broadcast is a project developed to provide a mass communication solution through the Whatsapp platform. This project enables users to send messages in bulk to a specified list of contacts, making it convenient to deliver information or promotions to a target audience efficiently. Leveraging the latest technology, this project ensures fast and accurate message delivery to multiple recipients simultaneously. The technology stack used in the development of Broadcast Whatsapp includes :

- Back-end: PHP, Laravel
- Front-end: Javascript, React JS
- Database: MySQL
- Integration : API Whatsapp

The screenshot shows the Vuexy application interface. On the left, there's a sidebar with navigation links: BOARD, Dashboard, BROADCASTER (Whatsapp is selected and highlighted in purple), History, ADMIN (Users, Roles, Instance), and a user profile section for administrator/admin.

The main content area displays a form titled "Room Data". It has fields for "Instance" (required, with value "Infopelatihan.id") and "Room Name" (required, with value "Tester"). There's also a "Image (optional)" section with "Choose file" and "Browse" buttons. A large text area for "Message Text" is labeled "Message Text required". At the bottom of the form is a green "Submit" button.

At the bottom of the page, there are search and upload fields. The search field contains "search...". To its right is an "Excel Data" section with "Choose file" and "Browse" buttons, followed by a blue "Upload" button.

## **16. Infopelatihan**

Infopelatihan is a marketplace provided by LPKN Training Center. This marketplace is used by training organizers to advertise various types of training, seminars, certifications, and other events. Through Infopelatihan, training organizers can easily promote and sell their courses to prospective participants. The platform facilitates training organizers in expanding the reach and visibility of the trainings they offer, thereby enhancing opportunities for participant engagement.

The technology stack used in the development of Infopelatihan includes :

- Back-end: PHP, Laravel
- Front-end: Javascript, JQuery
- Database: MySQL



## **17. Sistem Informasi Kepegawaian - Human Resources Information System (Bootcamp Sekolah Programmer)**

Sistem Informasi Kepegawaian - Human Resources Information System is a project developed as a final project during the Sekolah Programmer Bootcamp. This project aims to develop a system that facilitates the management of employee data within an organization. The system includes various features such as employee data management, attendance tracking, payroll management, and employment history. The technology stack used in the development of Sistem Informasi Kepegawaian includes :

- Back-end: PHP, Laravel
- Front-end: Javascript, JQuery
- Database: MySQL

