

# Riza Afandi – Software Engineer

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I am a dedicated software engineer with a proven track record of designing and implementing innovative web applications. I am proficient in both front-end and back-end technologies, and have successfully implemented several projects into production on a national scale.

## Work Experience

### PT. Adaro Energy Indonesia Tbk

.NET Developer

South Jakarta, Indonesia

November 2023 - Present

- Developed and maintained an internal user management web application that centralized user permission control over existing applications.
- Developed and maintained an internal ship and freight calculation service web application to simplify user administrative procedures.
- Co-maintained ship background synchronization application services and internal transport using RabbitMQ.
- Conducted and collaborated on application usage training based on the User Acceptance Testing (UAT) document.

### PT. Galva Galindra Multi Cipta Tbk

.NET Developer

Central Jakarta, Indonesia

March 2023 – Nov. 2023

- Collaborated on internal application migration process based on Functional Specification Document (FSD).
- Developed and maintained an application for online ticketing of electronic device repairs.
- Conducted and collaborated on application usage training based on the User Acceptance Testing (UAT) document.

### Kawah Edukasi

Front-end Development Bootcamp & Internship

Bandung, Indonesia

Juny 2022 – November 2022

- Developed educational web application for online bootcamp management system
- Substituted front-end development internship mentor. Lead daily scrum for one month

### PT. Nocola IoT Solution

Full-stack Developer

Cilacap, Indonesia

Juny 2019 – February 2023

- Developed and maintained some applications for various use cases such as: monitoring system, dashboard, user management, online ticketing system, etc.
- Setup deployment environment on Windows and Linux Server operating system.
- Conducted and collaborated on application usage training based on the User Acceptance Testing (UAT) document.

## Skills

Highly Adaptable, Teamwork, Communicative, Fast Learner

HTML5/CSS3, Vue, React, Node, Tailwind, C#, ASP.NET, PHP, CodeIgniter, SQL, Apache, Nginx, IIS, GIT, Docker

## Educations

### Bina Nusantara University

Bachelor's degree, Computer Science

Jakarta, Indonesia

2023 – Present (Undergraduate)

### State Vocational High School 1 Purbalingga

Software Engineering

Purbalingga, Indonesia

2016 – 2019

- Software Engineering Professional Certification Institute (2019)

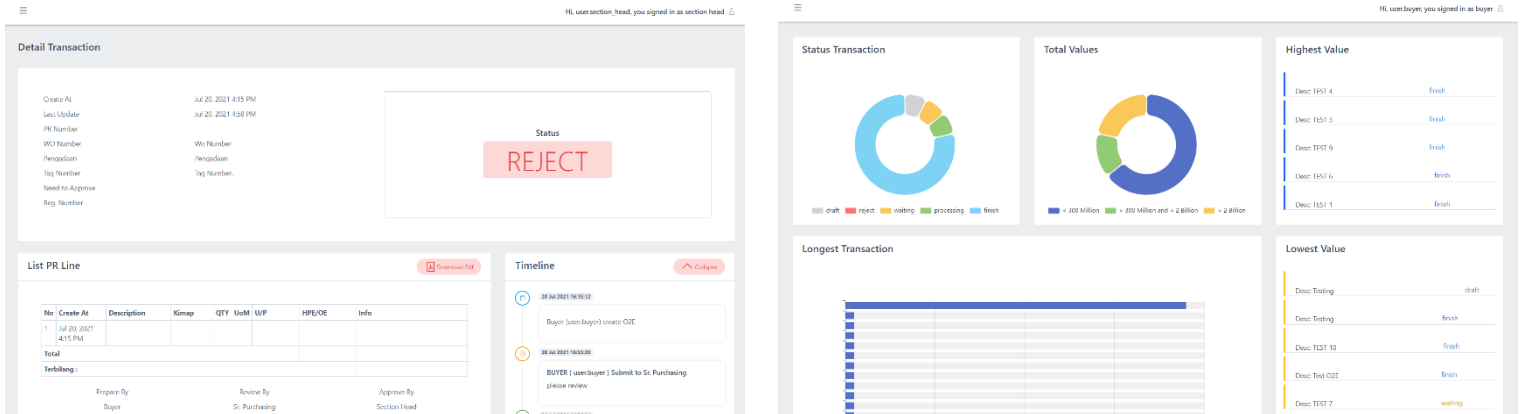
## Event & Certification

- Dicoding: DBS Foundation Coding Camp, AWS Back-End Academy
- Hacktoberfest by Digital Ocean (2021)

# Portfolio

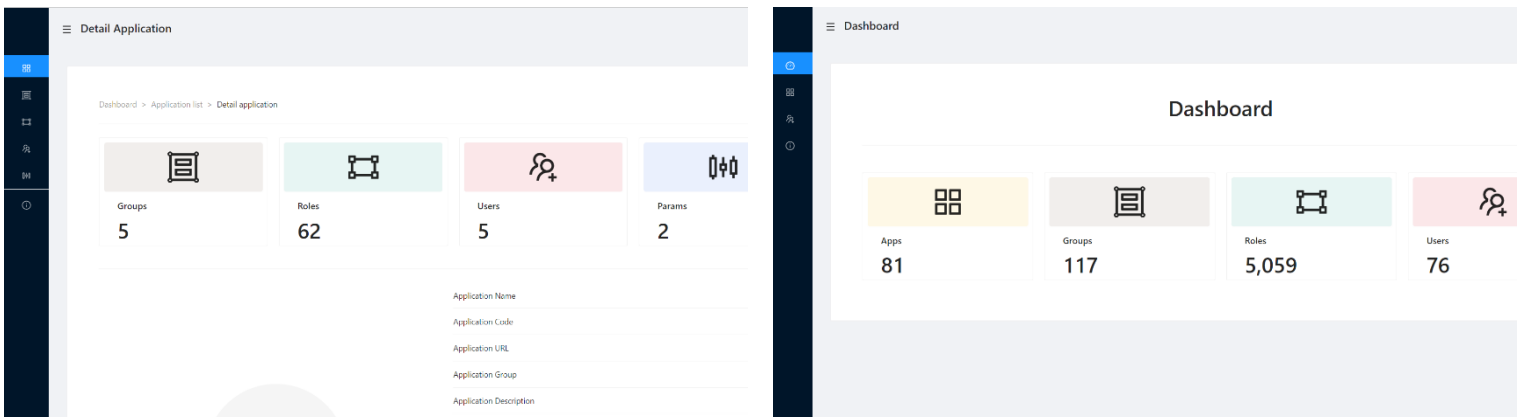
## 1. Online Owner Estimate

- Description: Web application to assist and monitor calculations in the procurement process
- Front-end: Vue (v3), Bootstrap CSS, e-charts library
- Back-end: Back-End: ASP.NET MVC, Microsoft SQL Server, Digital Signature, SAP, Entity Framework



## 2. User Management

- Description: Web application to manage user account and control user authorization
- Front-End: Vue (v3), Ant Design Vue
- Back-End: CodeIgniter, MySQL



## 3. Klinik Pratama – Hospital Application

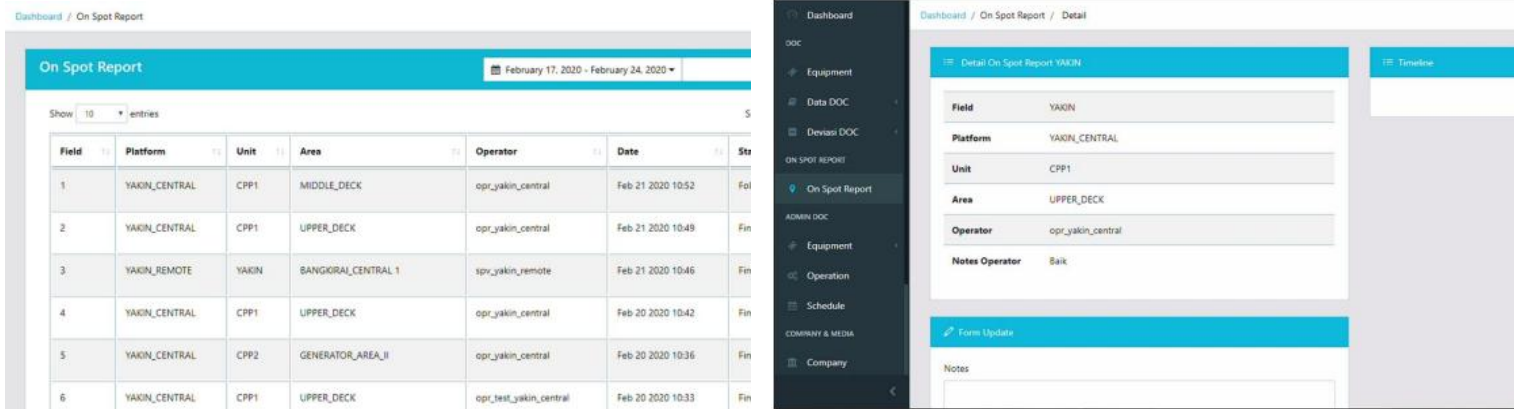
- Description: Online hospital web application
- Front-End: jQuery, Bootstrap CSS
- Back-End: ASP.NET MVC, Microsoft SQL Server, SAP, Entity Framework

## 4. Dashboard Basic Operational Care

- Description: One page dashboard to monitor and visualize digital log sheet activity
- Technology: Microsoft PowerBI

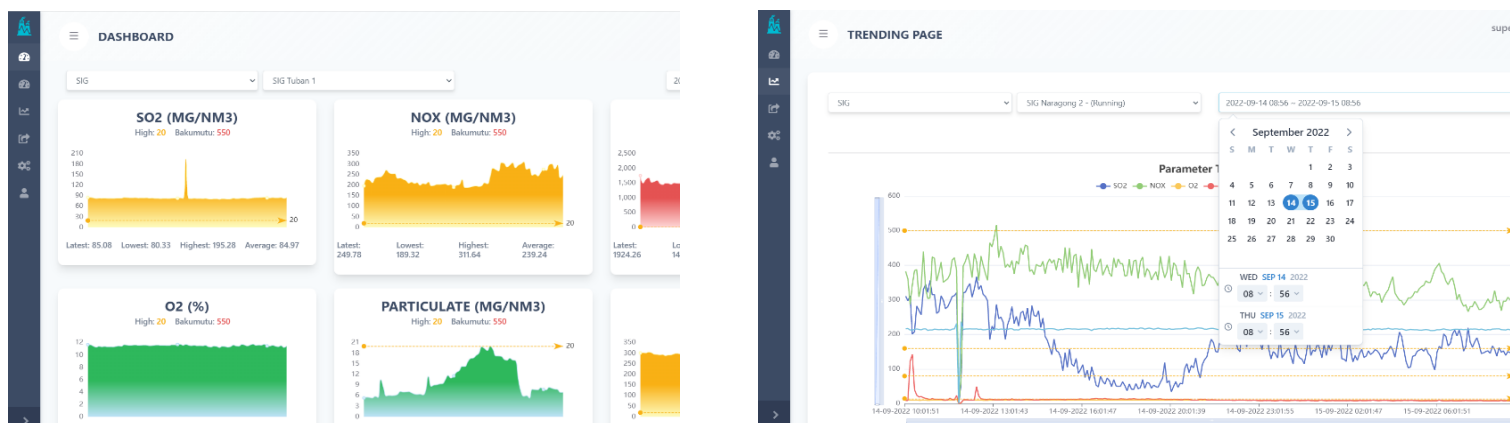
## 5. Digital Log Sheet

- Description: Online logging system for equipment healthy condition used in industrial
- Front-end: jQuery, Bootstrap CSS (legacy version), React, Reactstrap (new version)
- Back-end: ASP.NET MVC (legacy version), .NET Core (new version), Microsoft SQL Server, SAP, Entity Framework



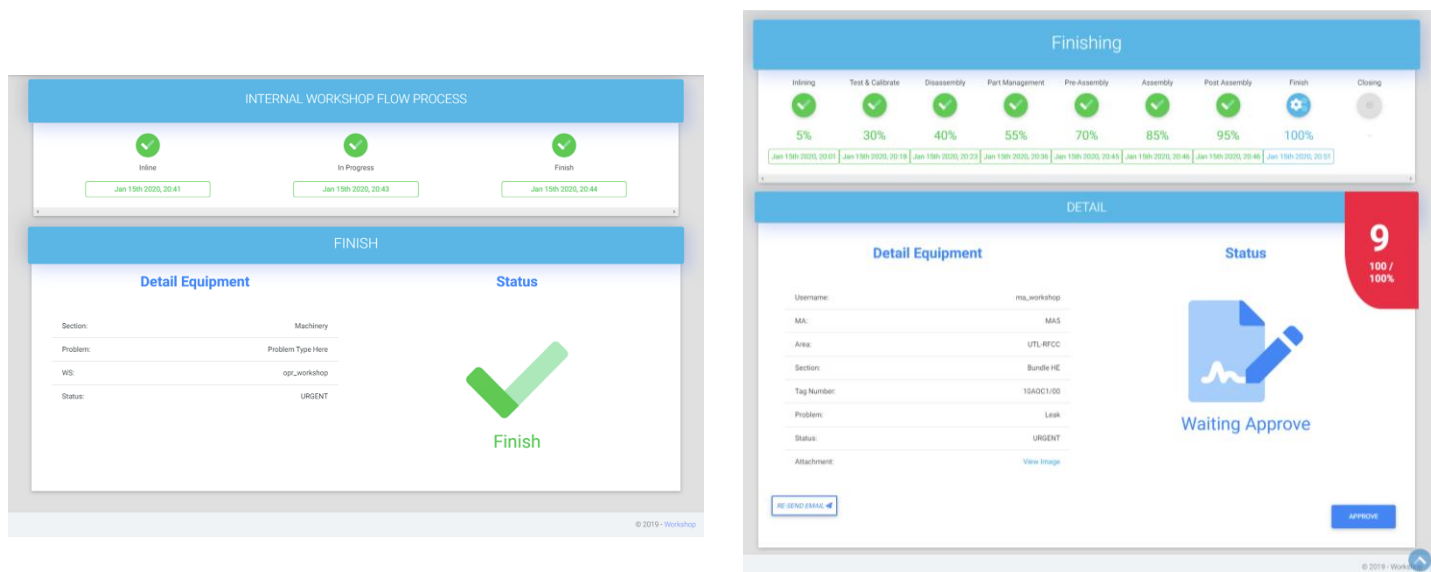
## 6. Continuous Emission Monitoring System

- Description: Real-time online monitoring system of the emission exhaust process integrated with Indonesia's Kementerian Lingkungan Hidup dan Kehutanan (KLHK) ministry
- Front-end: Vue (v2), Bootstrap CSS, WebSocket, e-charts library
- Back-end: CodeIgniter, MySQL, node-red



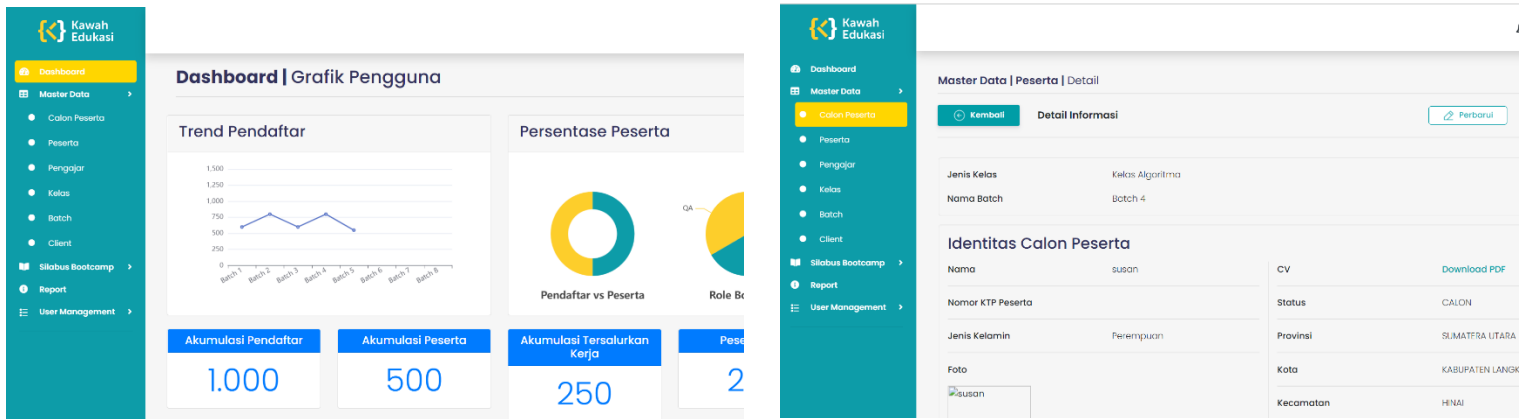
## 7. E-Workshop

- Description: Online monitoring and ticketing system for equipment repairs used in industrial
- Front-end: Vue (v2), Bootstrap CSS, e-charts library
- Backend: ASP.NET MVC, Microsoft SQL Server, SAP, Entity Framework



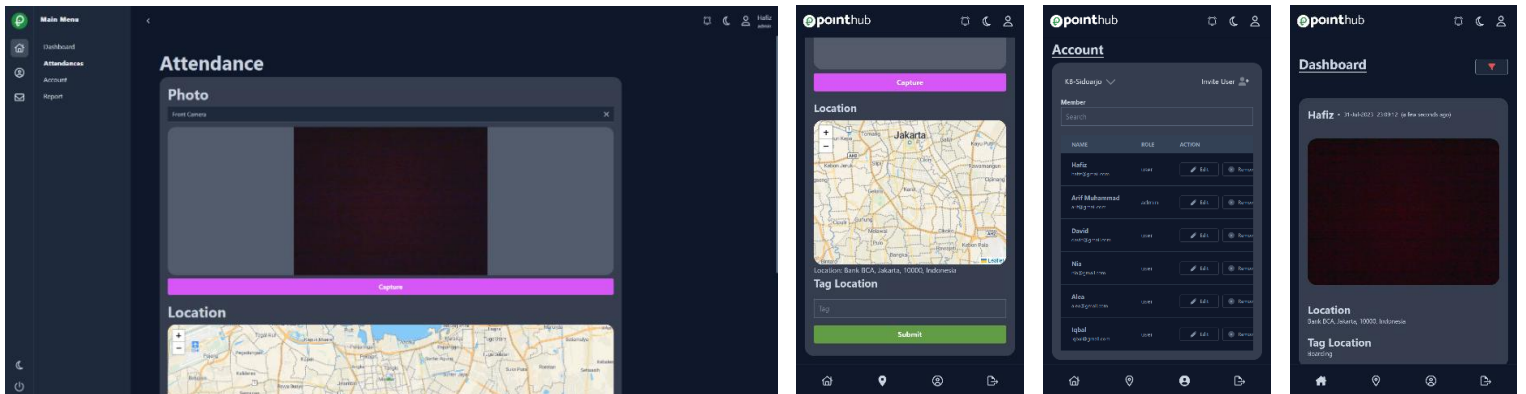
## 8. Management Information System

- Description: Online bootcamp management system
- Front-end: React, Redux, Reactstrap



## 9. Pin Point

- Description: Online attendance checkpoint based on location and camera
- Front-end: Vue (v3), Typescript, Uno CSS, Cypress, Vitest



## 10. Inventory Account Receivable Payment

- Description: Online receivable payment system, part of ERP
- Front-end: jQuery, Bootstrap CSS
- Back-end: .NET API, Microsoft SQL Server

## 11. Personal Website

- Description: Personal blog site
- Front-end: Nuxt, Markdown, Unsplash API
- Deployment: Vercel

## 12. User Management

- Description: Web application to manage user account and control user authorization
- Front-end: Vue (v3), Bootstrap CSS
- Back-end: ASP.NET MVC, Microsoft SQL Server, Entity Framework, LDAP, OneDrive API

## 13. iMove Sync

- Description: Service application to synchronize fuel usage bases on ship movement
- Technologies: .NET 6 Console, Microsoft SQL Server, RabbitMQ

## 14. IMPT-Taboneoport

- Description: Web application to control ship movement procedure
- Front-end: Vue (v2), Bootstrap CSS
- Back-end: Laravel, PostgreSQL, WSDL

