



## Rifki Fadillah Akbar



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### About Me

*I was born in Magetan, September 13th, 1997. People called me Akbar. I consider myself a tech geek. I have a lot of experience in handling errors in my codes. I have a sheer will and dedication in things I believe are good for me. I prefer moderation to perfection. I have a great taste for humor. I put logic over emotion when I am dealing with something.*

### Educations

- **Politeknik Elektronika Negeri Surabaya**  
Telecommunication Engineering  
Bachelor of Applied Science  
Jul 2017 – Jul 2021
- **Politeknik Elektronika Negeri Surabaya**  
Multimedia Broadcasting  
Unfinished  
Jul 2016 – Jul 2017
- **SMA Negeri 2 Magetan**  
Science  
2013 – 2016

### Things I Can Do

JavaScript

Python

HTML

CSS

Machine Learning

ReactJS

NodeJS

ExpressJS

MongoDB

SQL

MySQL

PostgreSQL

PHP

Laravel

Graphic Design

UI Design



### Work Experiences

- **PT Jamkrindo (BUMN)**  
Contract – Web Developer  
Developing Learning Management System  
Aug 2019 – Nov 2020
- **PT Telkom Akses**  
Internship  
Developing IP Finder App for Optical  
Network in North Surabaya Area  
Jan – Apr 2020



### Organization Experiences

- **Data Science Indonesia**  
Research and Development Division  
2020
- **Himpunan Mahasiswa TELKOM PENS**  
Research and Development Department  
2018 – 2020
- **Data Science Club PENS**  
Chief Executive  
2019



### Awards

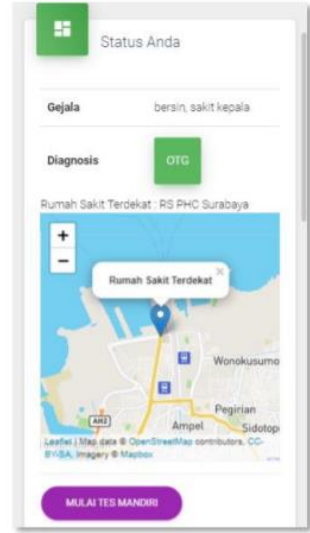
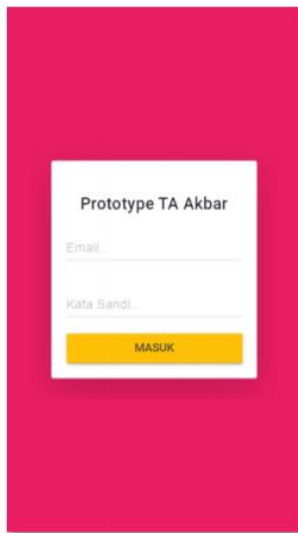
- **Data Analytic Competition 2020 - ITS**  
South-East Asia  
30 Best Analyst  
2020
- **Bisa.AI Artificial Intelligence Challenge**  
National  
3<sup>rd</sup> Place  
2020
- **Jamkrindo Hackathon 2019**  
National  
2<sup>nd</sup> Place  
2019



### Projects

- **COVID-19 Automated Testing App using K-Means Clustering**  
2020
- **Face Recognition Smart Lock System Using Raspberry Pi + OpenCV**  
2019
- **Jamkrindo Learning Management System**  
2019

## COVID-19 Automated Testing App using K-Means Clustering



### Summary

A Machine Learning and web-app Integration, detecting patient type based on text input. Also still working on the Model tuning and app for my bachelor's Final Project

### Web Technology

**Front-End:** HTML, CSS, JavaScript, Bootstrap, ReactJS

**Back-End:** ExpressJS (on NodeJS)

**DBMS:** MongoDB

**API Integration:** Flask

### Algorithm Technology

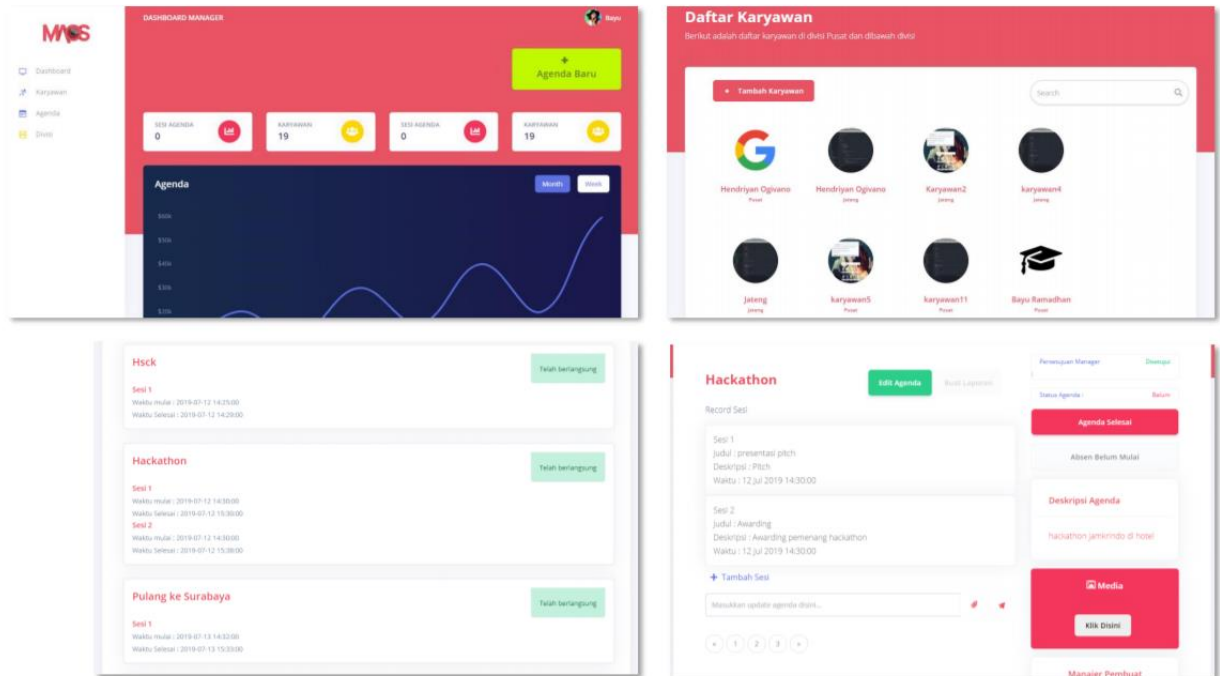
**Programming Language:** Python

**Libraries:** Sklearn, Sastrawi, and basic EDA libraries

### My Role

Full Stack Web and Machine Learning Developer

# Marketing Monitoring System



## Summary

Tracks company agendas on Jamkrindo's Employee

## Technology

**Front-End:** HTML, CSS, JavaScript, Bootstrap

**Back-End:** Laravel

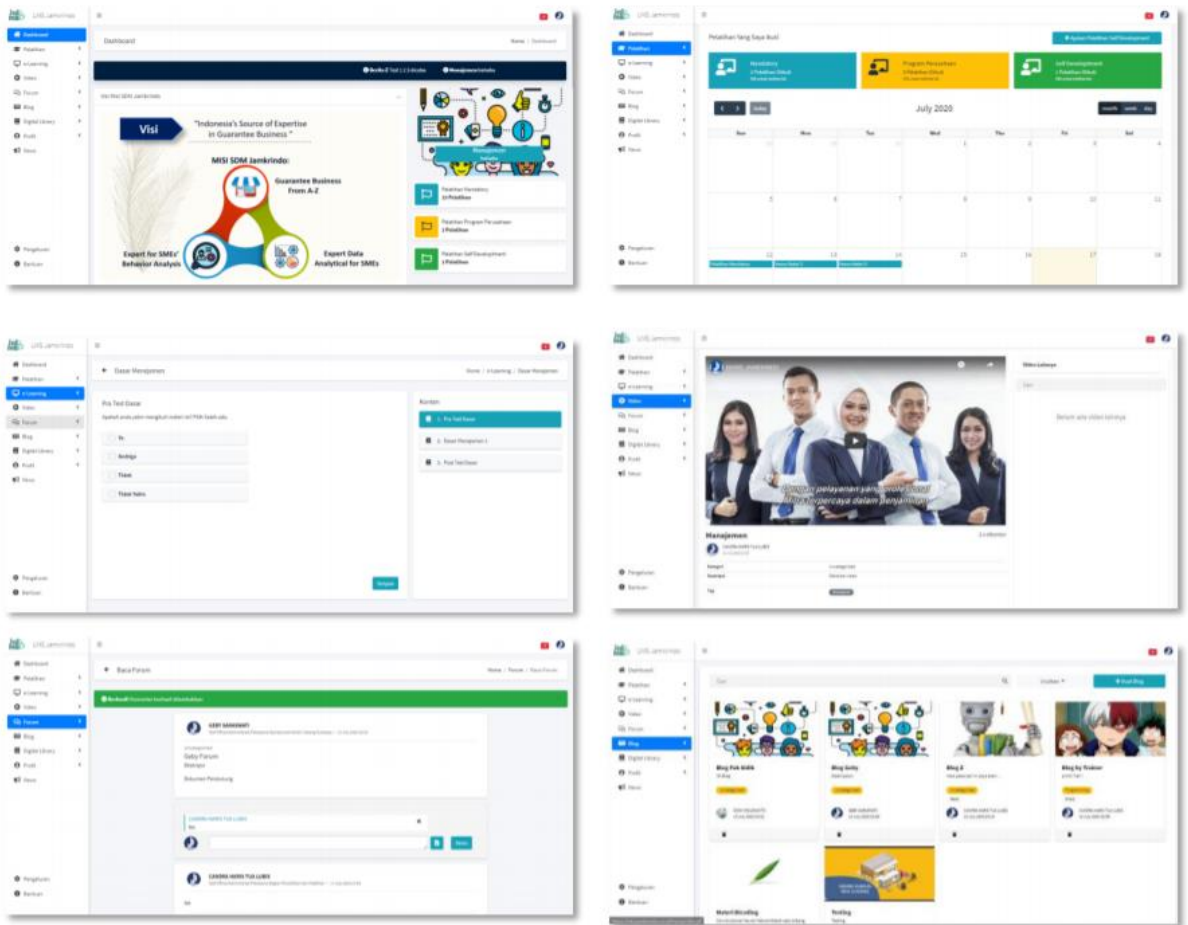
**DBMS:** MySQL

**Server:** CentOS

## My Role

Full Stack Web Developer

# Jamkrindo Learning Management System



## Summary

A wrapped-up LMS app, wich featured:

- Training
- E-Learning
- Forum
- Blog
- Digital Library
- Cognitium Video

## Technology

**Front-End:** HTML, CSS, JavaScript, Bootstrap

**Back-End:** Laravel

**DBMS:** PostgreSQL

**Server:** CentOS

## My Role

Full Stack Web Developer