

# ROMIJULIANTO

## DATA ANALYST | FULLSTACK DEVELOPER | GIS DEVELOPER

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### SUMMARY

Active in training and several projects, as well as learning and using various technology stacks. Highly motivated to continuously learn about Kotlin, Javascript, Java, Python programming languages. I have more experience interacting with the Javascript language and its frameworks (ReactJS, AngularJS, and VueJS). In the last 3 years, I have gained experience in the GIS field, working on several projects and training programs that used ArcGIS Online/Enterprise, Supermap, and Open Source GIS. In the past year, I have focused on improving my programming skills and knowledge to support becoming a GIS Developer who can integrate Geospatial Data and Information Systems. I also have other skills in Data Visualization, having created several project monitoring dashboards using PowerBI and Tableau.

### EDUCATION

#### SUMATERA INSTITUTE OF TECHNOLOGY

South Lampung, Lampung

##### Geomatics Engineering (GPA: 3.66)

2016-2020

- Led several association projects by forming a team of 5 members to guide and supervise junior students in their academic progress.
- Finalist of Outstanding Student Award, ranked among the top 5 finalists of the Outstanding Student Award at the Sumatera Institute of Technology.

#### SYNRGY ACADEMY

Jakarta Pusat, DKI Jakarta

##### Android Developer

September 2022-February 2023

- Participated in a 6-month training and bootcamp program from Synrgy Academy for the Android Developer category.
- Developed an Android application for the final project. Also, created 2 applications for project submissions, one is a learning application and the other is a Github user application that consumes APIs.
- The program was attended by 12 people who were selected from hundreds of applicants.

### WORK EXPERIENCE

#### SuperMap Software Co.Ltd

Jakarta Pusat, DKI Jakarta

##### Fullstack Developer

May 2023 - Now

- Build end to end development Frontend and Backend Development
- Implemented Front end using VueJS 3 with component library Naïve UI
- Built Backend using NodeJS and Typescript, also implemented documentation in Swagger

##### Last Project Executed

- WebGIS Badan Pusat Statistik: Social and Economic Registration
  - Built feature search by region in map, generate report as pdf file
  - Visualize spatial data in map using mapbox framework
- WebGIS Information Logistic System Komisi Pemilihan Umum
  - Develop feature dashboard monitoring system logistic for election 2024
  - Develop feature tracking logistic based device location

#### PT SIGMA CIPTA UTAMA

Jakarta Pusat, DKI Jakarta

##### GIS Developer | Data Analyst

October 2022-May 2023

- Conducted collection, processing, and spatial data analysis for custom map visualization needs.
- Delivered spatial data and built WebGIS as required.
- Collaborated and coordinated with data analysts, data scientists, and engineers to support spatial data-based projects and machine learning.

##### Last Project Executed

- Enhanced CCTV AI Object Detection:
  - Built an object detection system to generate potential queue recommendations at gas stations.
  - The system can send potential queue information to relevant stakeholders through a messaging platform.
- Study Analysis Illegal Drilling using Satellite Imagery:
  - Identified illegal Pertamina wells using temporal satellite imagery (MODIS, Sentinel, Landsat).
  - The identified wells were reported as output to be followed up.

**PT IDSTAR CIPTA TEKNOLOGI**  
**Fullstack Developer | Freelance**

**Jakarta Pusat, DKI Jakarta**  
**October 2022 - Jan 2023**

- Developed, added features, and maintained applications as a developer and helpdesk.
- Built the project using Java Springboot for the backend and AngularJS for the frontend.
- Collaborated with DevOps for deployment and joint development with partner companies.

**Last Project Executed**

- Single Approval Platform
  - A single approval platform for document submission that requires approval workflows, such as timesheets, tender proposals, payment proposals, and others.
  - The application is already used by all internal teams at the client company (XL Axiata).

**PT PATRA DRILLING CONTRACTOR**

**GIS Developer | Data Analyst**

**Jakarta Pusat, DKI Jakarta**  
**October 2021-September 2022**

- Built a National Daily Fuel Consumption Monitoring Dashboard. Visualized on a map by district with safe and unsafe categories.
- Built a Cross-Java Gas Station Monitoring Dashboard to monitor the availability of fuel stocks with critical and non-critical categories.
- Created a Map of Fuel Supply and Distribution, Ship Location Map, Critical Fuel Terminal Map, and Upstream Production Map.

**Last Project Executed**

- Early Warning System Dashboard
  - Calculating the level of stock consumption using time series data from 2021 to compare it with daily consumption levels in 2022.
  - The 2021 consumption level is represented by statistical parameters such as median, mean, and standard deviation assumed as an Early Warning System.
- Lintas Jawa Gas Station Stock Monitoring Dashboard
  - Calculating the stock levels of each gas station, then categorizing them into Critical/Non-Critical Stock for Gasoil and Gasoline products at Lintas Jawa Toll Gas Stations.
  - Supporting the smooth distribution of fuel during Ramadan and Eid al-Fitr 2021.

**BADAN PERENCANAAN DAN PEMBANGUNAN DAERAH LAMPUNG**

**GIS Analyst**

**Bandar Lampung, Lampung**  
**Februari 2021-Oktober 2021**

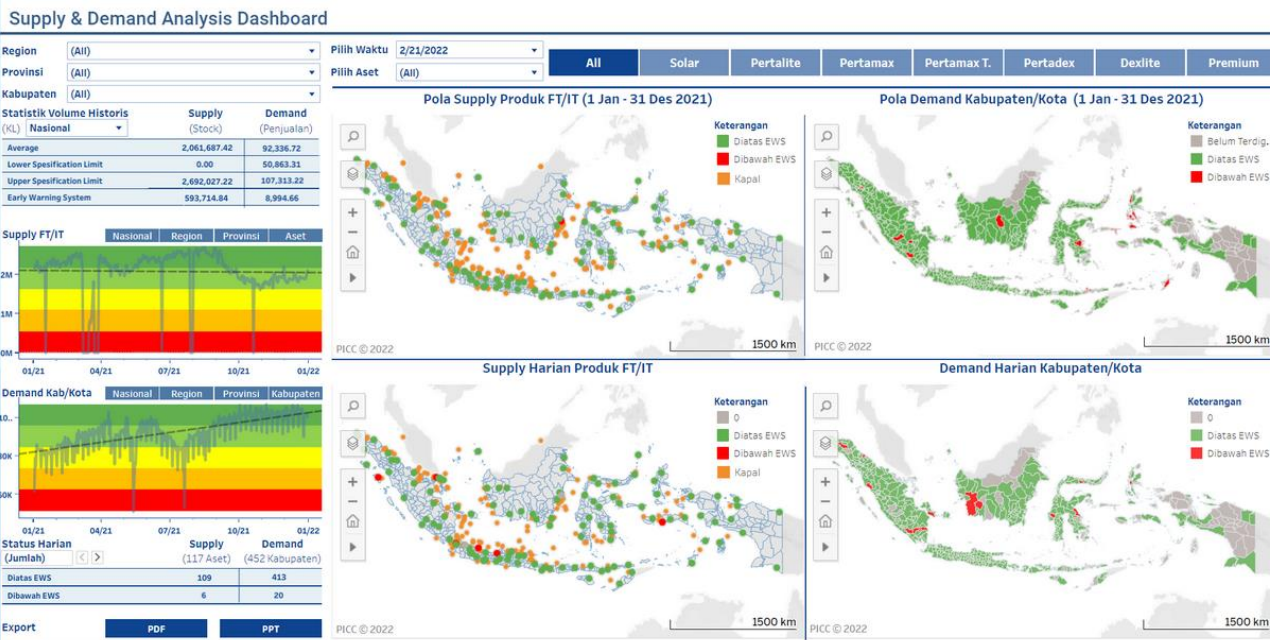

- Created a Dashboard to Monitor the Covid Status of Each Regency Using ArcGIS Enterprise
- Created a Dashboard for the Spatial Planning Plan of Lampung Province using ArcGIS Enterprise
- Compiled a Report on the Utilization of the Lampung Geoportal for Districts in Lampung Province

**Last Project Executed**

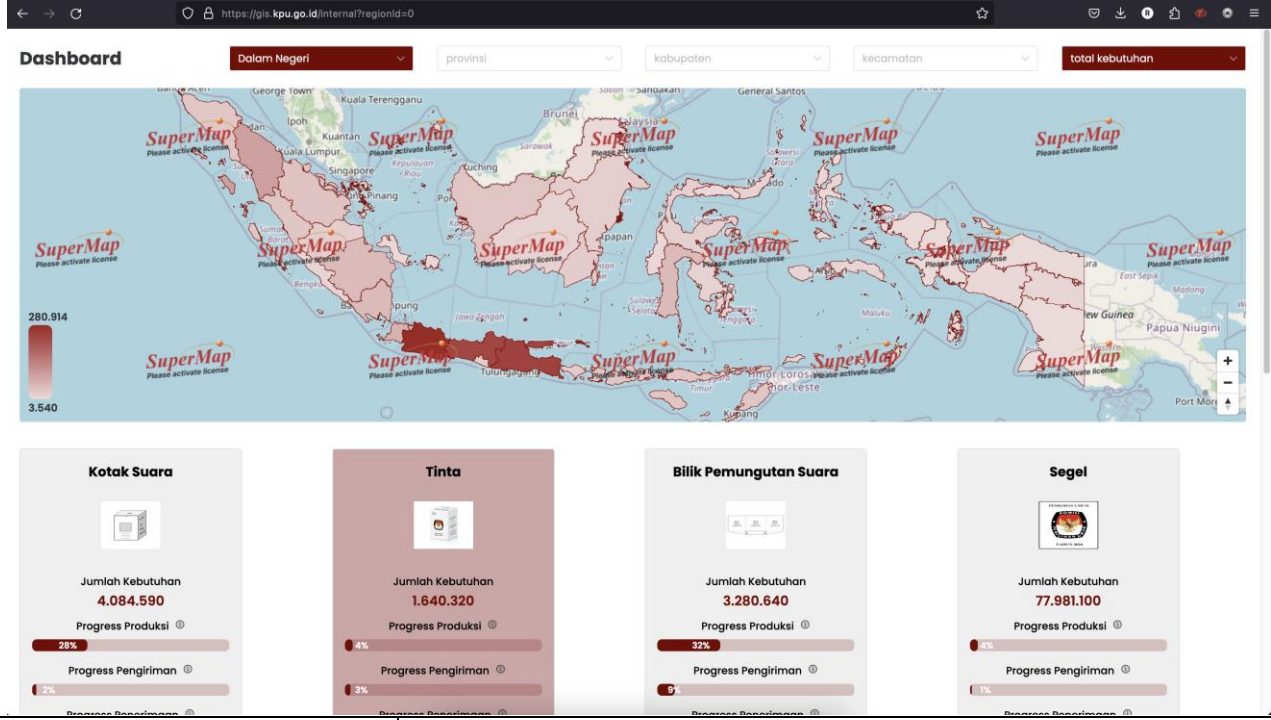
- Covid-19 Status Dashboard for Lampung Province
  - Gathering data on the daily number of covid-19 cases to produce a Vulnerability Level for each district
  - The vulnerability level is represented by three colors: red (high risk), yellow (low risk), and green (not affected).
- WebGIS Dashboard for Lampung Province's Spatial Planning Plan
  - Displaying the Lampung Province Spatial Planning Plan on a web view
  - The map, which consists of various regions and a large amount of data, can be displayed on the web accessible through desktop, mobile, and tablet devices.

**Follow link to see detail my project portfolio : <https://s.id/portoromi>**

## PORTOFOLIO DATA ANALYST

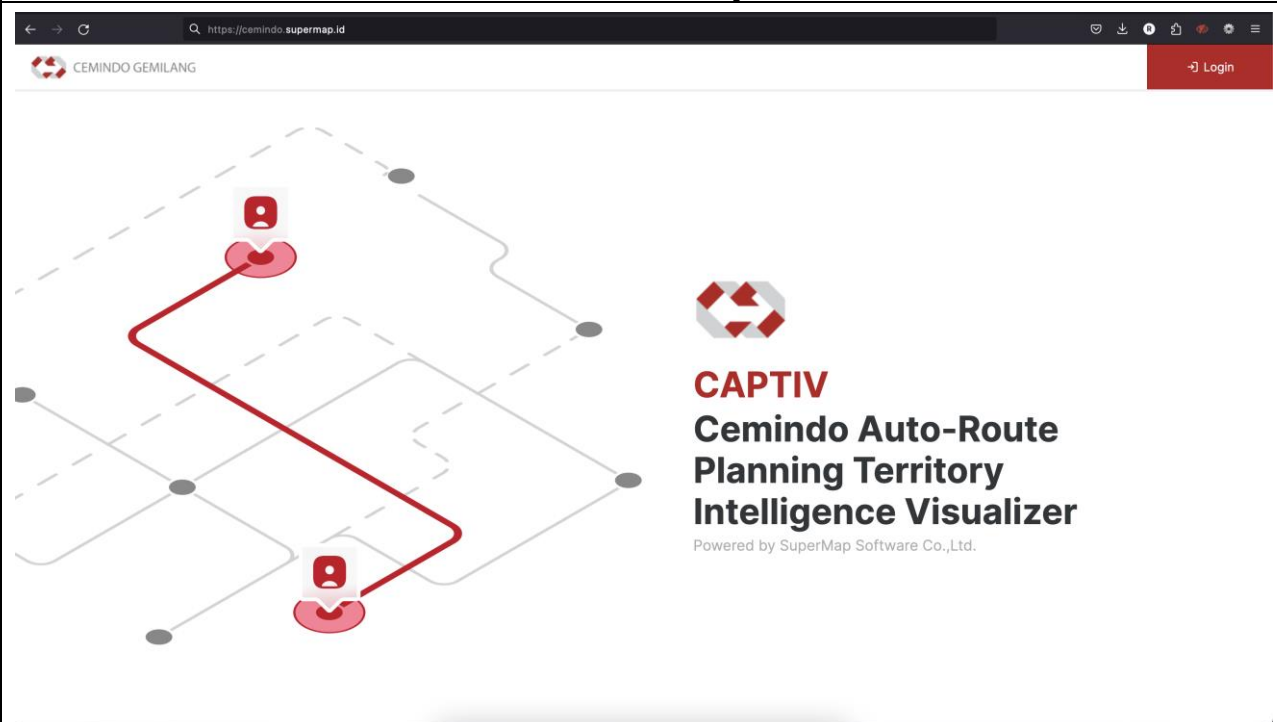
No		PROJECT HIGHLIGHT
1.	<b>Project Name</b>	Dashboard Supply and Demand Analysis
	<b>Technology Used</b>	Tableau Desktop, Google Sheet API, SQL Query
	<b>Project Link</b>	<a href="#">Link Project</a>
	<b>Project Description</b>	Dashboard Supply and Demand with Early Warning based on previous data (5 Year)
Screenshot Project		
		
2.	<b>Project Name</b>	Dashboard Indikator BBM Consumption in Lintas Jawa
	<b>Technology Used</b>	Power BI Dekstop, Dax Programming/Query
	<b>Project Link</b>	<a href="#">Link Project</a>
	<b>Project Description</b>	Show information and consumption condition in Ramadhan and Idul Fitri period . Also visualize in map with condition based range value legend
Screenshot Project		
		

## PORTOFOLIO FULLSTACK DEVELOPER

No	PROJECT HIGHLIGHT	
1.	<b>Project Name</b>	Sistem Informasi Logistik KPU
	<b>Technology Used</b>	Vue JS, Hapi Server, Postgre SQL, Supabase
	<b>Project Link</b>	<a href="#">Link 1</a>   <a href="#">Link 2</a>   <a href="#">Link 3</a>   <a href="#">Link 4</a>
	<b>Project Description</b>	Show information logistic for election president
	<b>Screenshot Project</b>	
		
2.	<b>Project Name</b>	Cemindo Location Intelligence and Sales Route
	<b>Technology Used</b>	Vue JS, Hapi Server, Postgre SQL, TurfJS
	<b>Project Link</b>	<a href="#">Link Project</a>
	<b>Project Description</b>	<p>Optimize for expand new customer and sales route in PT CEMNIDO GEMILANG</p> <p>If you want to see the full app:  Please use this user  username : 21-09-759-5270  password : arie#12345</p>

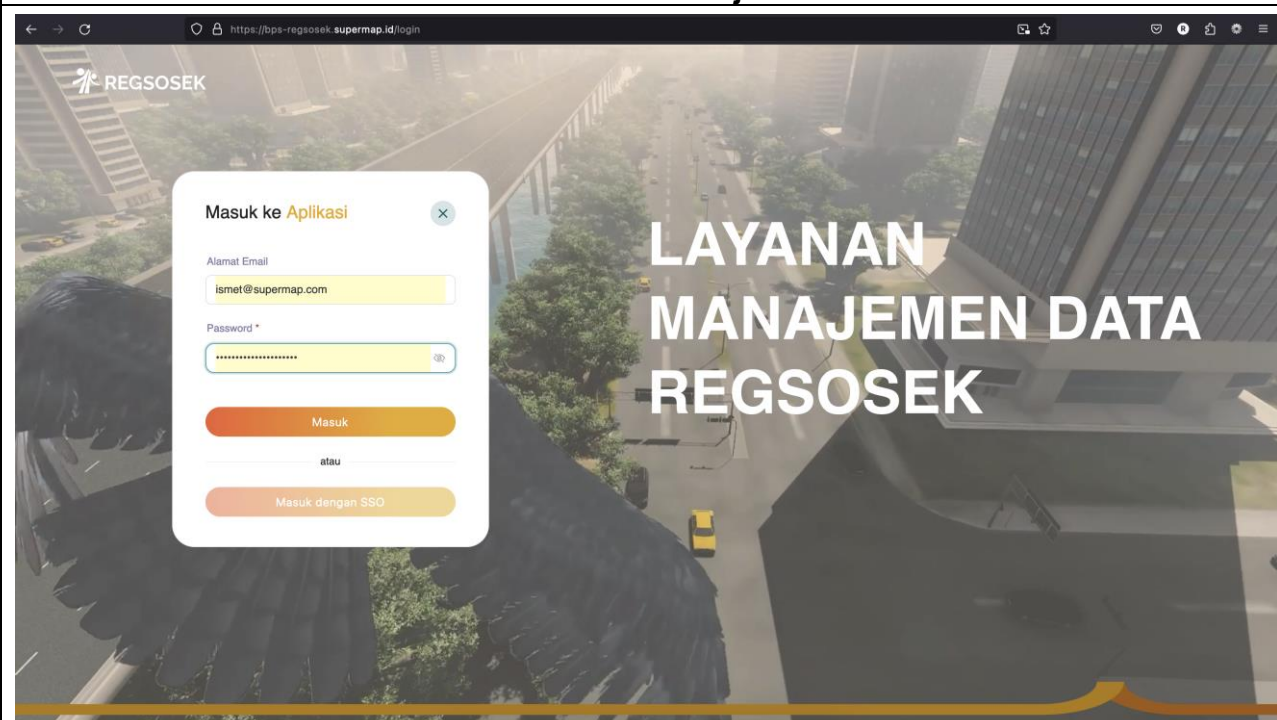


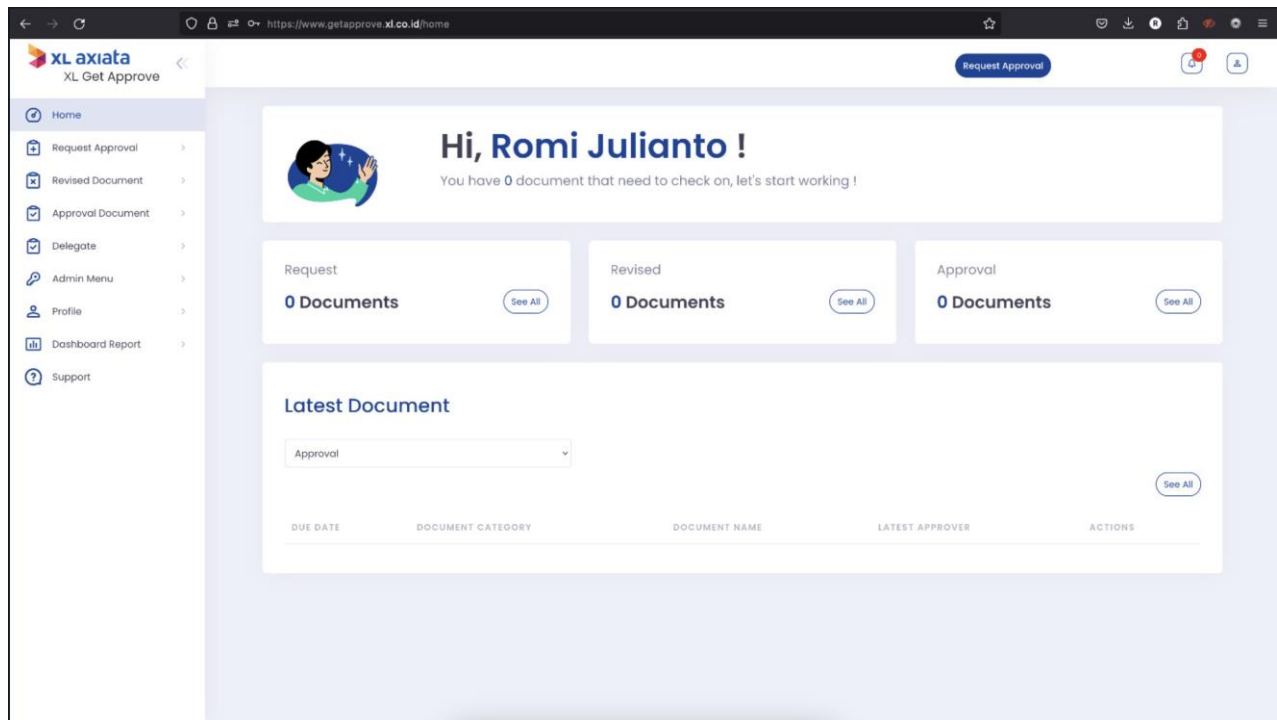
### Screenshot Project



3.	<b>Project Name</b>	BPS Regsosek
	<b>Technology Used</b>	Vue JS, Python, Postgre SQL
	<b>Project Link</b>	<a href="#">Link Project</a>
	<b>Project Description</b>	<p>Project show the data ecomonic based on survey BPS</p> <p>If you want to see the full app:  Please use this user  username : ismet@supermap.com  password : 15c42df57e1c0b69dfca8</p>

### Screenshot Project



4.	<b>Project Name</b>	XL Get Approve
	<b>Technology Used</b>	Java Springboot, Camunda BPMN, Angular JS, PostgreSQL, AWS S3
	<b>Project Link</b>	<a href="#">Link Project</a>
	<b>Project Description</b>	<p>Project digitalization approval document in internal process bisnis PT XL Axiata</p> <p>If you want to see the full app:  <i>Please use this user</i>  <i>username : romyjulians@gmail.com</i>  <i>password : romyjulianssssss</i></p>
<b>Screenshot Project</b>		
		

## ADDITIONAL INFORMATION

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- Program Management: SDLC (Software Development Life Cycle)
- GIS Tools : ArcGIS Online/Enterprise, GIS Server, PostgreSQL, MySQL, Supermap iPortal, Supermap iServer, LeafletJS, MapBox, Open Layer, Geonode.
- Technical Skills: Javascript, Node JS, Java, Dart, Kotlin
- Certifications: Back End Developer (Digitalent x Dicoding), GIS Developer BNSP 2022, Junior Web Developer BNSP 2022, Android Developer (Digitalent x Dicoding), IT Support (Digitalent x Dicoding), Flutter Developer (Digitalent x Dicoding), DevNet Associate (Digitalent x Dicoding), dan Google Cloud Fundamental (Digitalent x Dicoding).