

# 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

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**

**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**

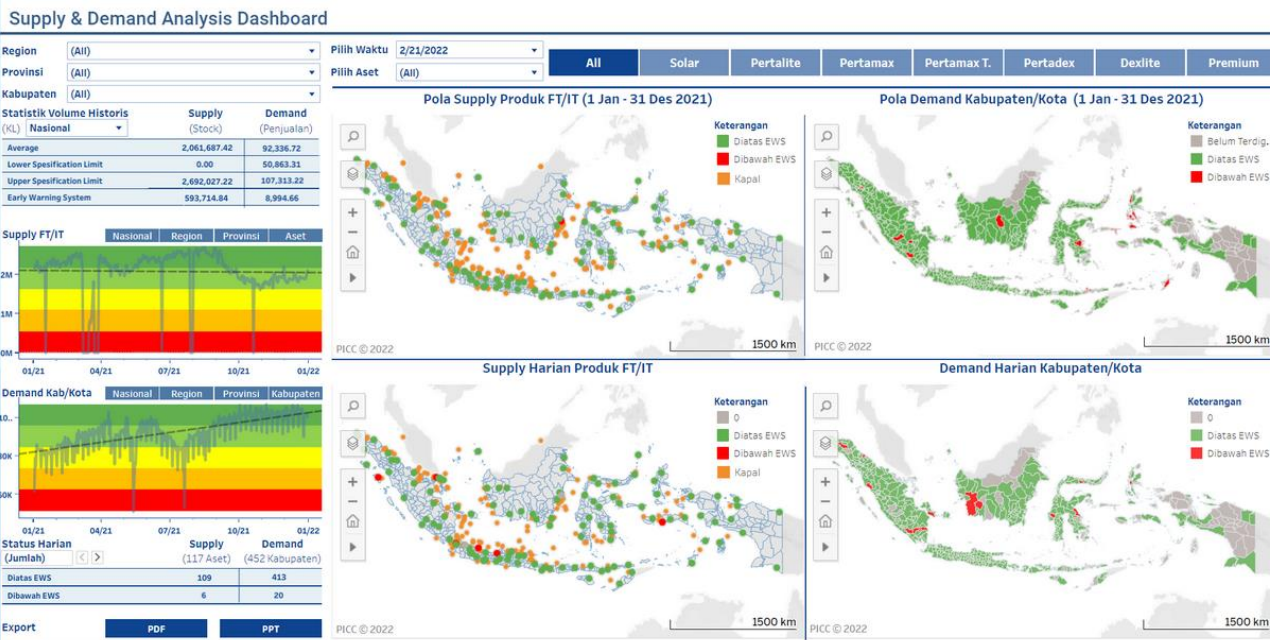

- Created a Dashboard to Monitor the Covid Status of Each Regency Using ArcGIS Enterprise
- Created a Dashboard for the Spatial Planning Plan of Lampung Province using ArcGIS Enterprise
- Compiled a Report on the Utilization of the Lampung Geoportal for Districts in Lampung Province

**Last Project Executed**

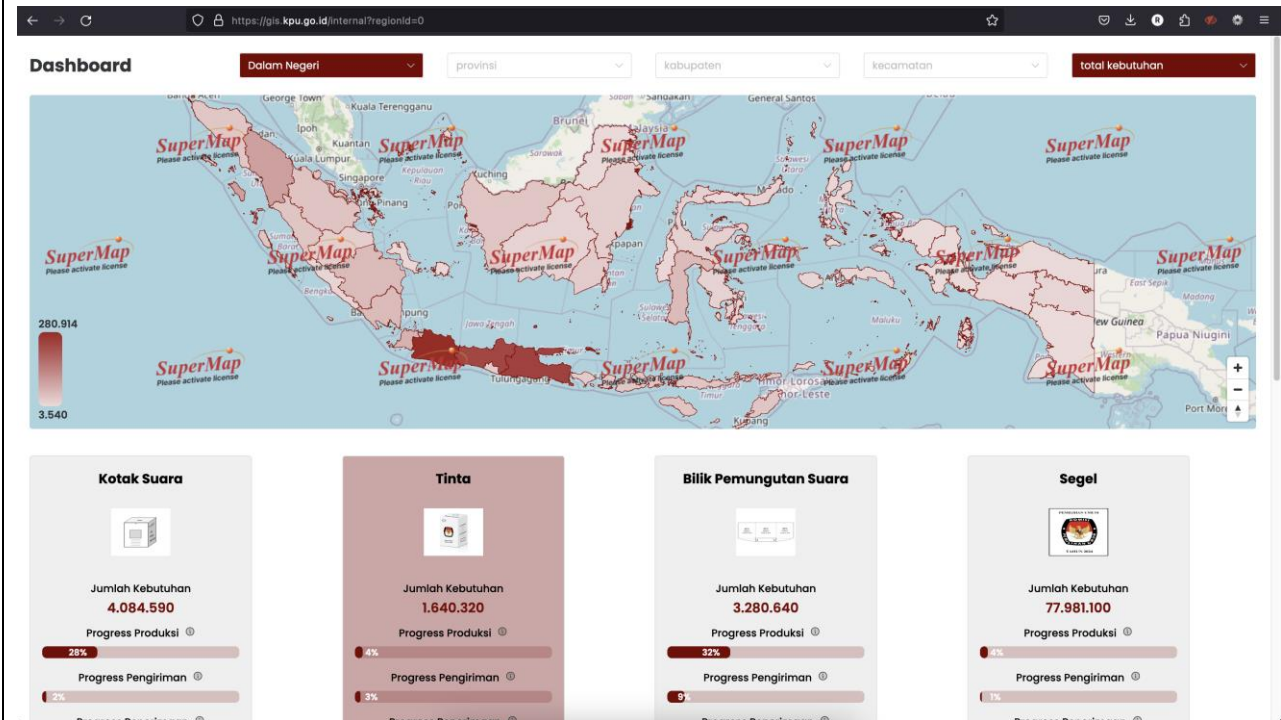
- Covid-19 Status Dashboard for Lampung Province
  - Gathering data on the daily number of covid-19 cases to produce a Vulnerability Level for each district
  - The vulnerability level is represented by three colors: red (high risk), yellow (low risk), and green (not affected).
- WebGIS Dashboard for 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

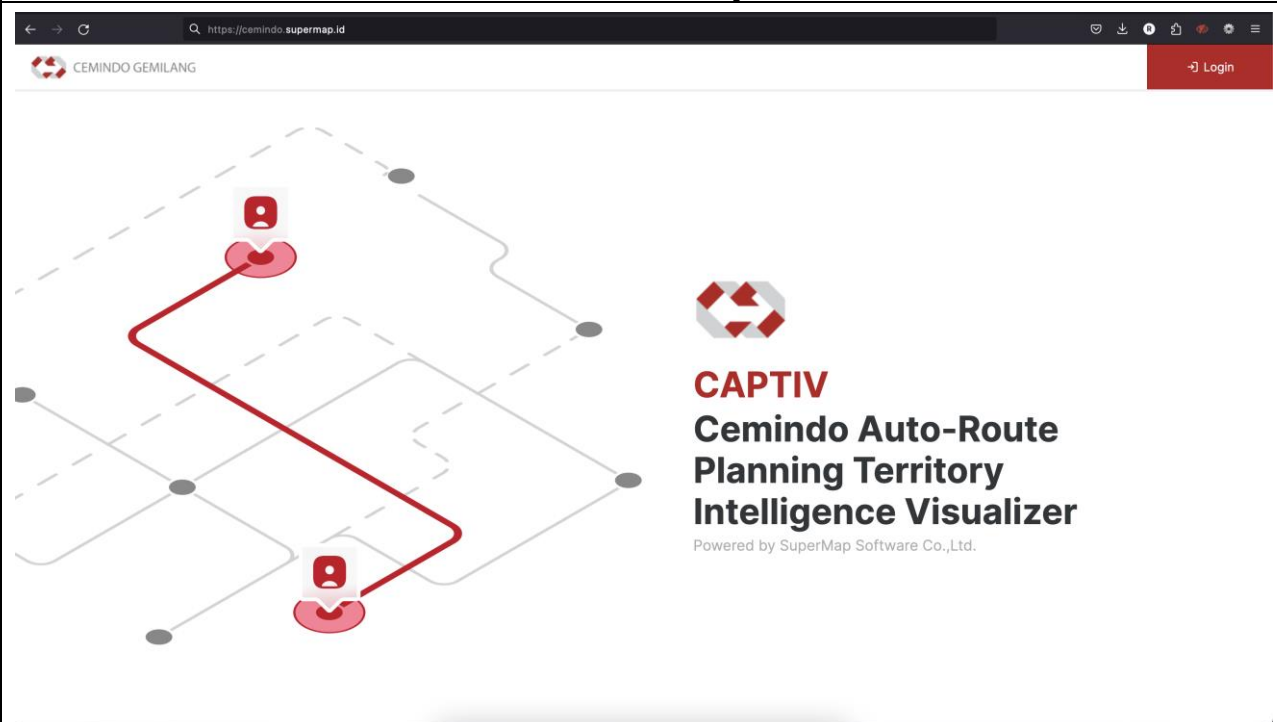
No	PROJECT HIGHLIGHT	
1.	Project Name	Dashboard Supply and Demand Analysis
	Technology Used	Tableau Desktop, Google Sheet API, SQL Query
	Project Link	<a href="#">Link Project</a>
	Project Description	Dashboard Supply and Demand with Early Warning based on previous data (5 Year)
Screenshot Project		
		
2.	Project Name	Dashboard Indicator BBM Consumption in Lintas Jawa
	Technology Used	Power BI Dekstop, Dax Programming/Query
	Project Link	<a href="#">Link Project</a>
	Project Description	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.	Project Name	Sistem Informasi Logistik KPU
	Technology Used	Vue JS, Hapi Server, Postgre SQL, Supabase
	Project Link	<a href="#">Link 1</a>   <a href="#">Link 2</a>   <a href="#">Link 3</a>   <a href="#">Link 4</a>
	Project Description	Show information logistic for election president
	Screenshot Project	
		
2.	Project Name	Cemindo Location Intelligence and Sales Route
	Technology Used	Vue JS, Hapi Server, Postgre SQL, TurfJS
	Project Link	<a href="#">Link Project</a>
	Project Description	Optimize for expand new customer and sales route in PT CEMNIDO GEMILANG  If you want to see the full app: <i>Please use this user</i> <i>username : 21-09-759-5270</i> <i>password : arie#12345</i>

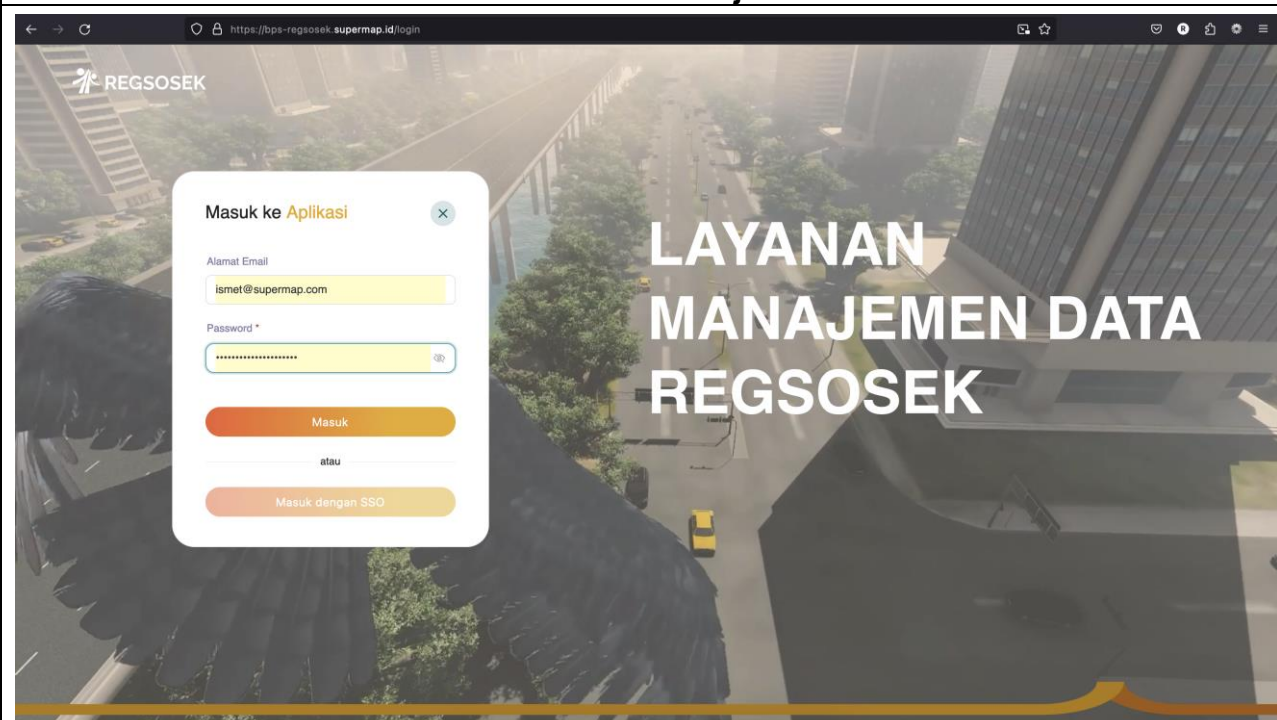


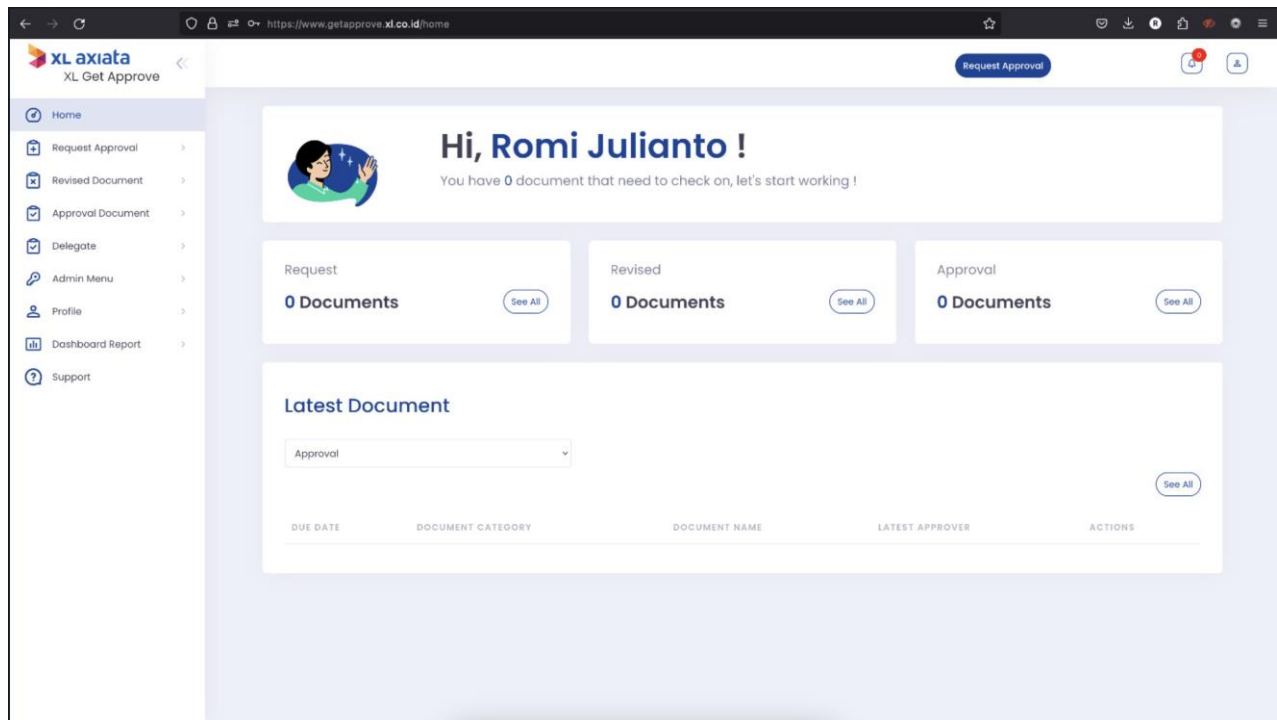
### Screenshot Project



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).