Ari Sohibussultoni

Surabaya, Jawa Timur • 081353827134 • arisohibussultoni73@gmail.com

I am a Fresh graduated Diploma Telecommunications Engineering at Electronic Engineering Polytechnic Institute of Surabaya. I was born in Jombang May 10th ,2002. I am a person who works hard and works smart, creative, innovative and honest. Besides that I also have good skills in the field of communication and public speaking. I also have approximately 4 years of experience as a full stack web developer. I master several technologies for web development such as Laravel, Codeigniter, Vue.js WordPress Rest-API etc.

Internship Experience

Junior Programmer   Juli - Desember 2023
Internship MBKM at KOMINFO Surabaya Office

- Designing a CSIRT Website For KOMINFO Surabaya
- Establish an as a service system for public complaints
- Designing from making flowcharts, application flows, business processes to the features needed

Work Experience

Senior Full Stack Web Developer (Contract)   August 2020 – November 2023
CV. Gitech Indonesia

- Manage the Company's Website
- Become a Project Manager for Website project from Clients
- Be the PIC in every incoming project work
- Internal website design and maintenance
- Directing the team in the work and development of websites and application

GIS (Geographic Information System) Programmer (Contract)   January 2024 – Present
Government and people's welfare section of the Surabaya city government

- Analysis data for geospatial analysis
- Develop and Visualize. Data to Map as Data Spatial
- Make Query for merge the data tabular and data spatial
- Maintenance and add feature is needed from the leader.

Education

Senior High Scholl   August 2017 – September 2020
Senior High Scholl 2 Jombang (SMAN 2 Jombang)
3 Years Studying in senior High School with a science major

Associate Degree Informatics Engineer   October 2020 – August 2021
PIKTI Sepuluh Nopember Institue Of Technology (ITS)
Associate Degree Informatic with 1 year vocational education experience

Diploma 3   October 2021 – July 2024
Electronic Engineering Polytechnic Institute Of Surabaya (EEPIS / PENS)
Diploma 3 education program with 3 years study time majoring in Telecomunication Engineering

Volunteer Experience and Leadership

IoT Developer and Electro Engineer   10th July 2022 – 13th July 2022
Community Service At Kanjuruhan Malang East Java
- Create and Conduct research for an irrigation monitoring device project with a EEPIS Telecommunication Engineering Lecturer
- Making Smart Agriculture Equipment for irrigating rice fields based on IoT
- Successfully achieve the target of community service at 100%

Junior Staff Of Home Affairs   December 2022 – 30th September 2023
Student Executive Board (BEM) PENS
- Maintaining communication with other staff and the minister to coordinate the work program and agendas of the ministry
- Managing and organizing docuements related to the activities
- Successfully achieve the target for Sambang KM, Pemilu activities, completing it at 100%

Material and Presenters   Desember 2022 – February 2023
ROBOHOLIC (Student Activity Units)
Become the person who compiles the material to then convey it to the robotic student activity unit

Chief Executive   Januari 2023 – Juli 2023
General Election Of President Student Executive Board (BEM)
- Become the chief executive of the event General Election
- Directing and guiding the committee to carry out the tasks that have been given
- Asist and manage correspondance and other administrative requirements
- Create and form a general election preparation committee (PPU KM PENS)

SKILL SET

Soft Skills
- High Confidence
- Public Speaking
- Ability to establish relationships as friends, partners, team.
- Ability to work together with a team
- Ability to lead and coordinate a team

Hard Skills
1. **Backend , language and framework**
   - PHP
   - Laravel
   - Codeigniter
   - Rest API & RestFul API

- Golang
- Python
- Dart & Flutter

2. **Frontend and framework**
   - Vue.Js
   - React.Js
   - Wordpress
   - JavaScript
   - Openlayer
   - Leaflet

3. **Database**
   - PostgreSQL
   - MySQL

4. **Database Spatial**
   - Geoserver (Postgis)

5. **Other**
   - Git VCS
   - C language
   - Java
   - Netbeans
   - Linux Server (Ubuntu, Debian)
   - Docker
   - Arduino / ESP32

6. **Cloud Computing**
   - AWS Cloud

Project Experience

- **SIMONIKA (2020) (Full Stack Role)**
  Development of the SIMONIKA Application (Water Quality Monitoring System) owned by the East Java Provincial Government. In this application, a system is created to accommodate all data on the location of bridges or rivers in East Java. This is intended so that the East Java Provincial Government has river water data. the data will be processed which will later be used as a parameter to measure the level of pollution in the river and that location. by using predefined parameters such as microbiology, chemistry, and physics. which is calculated using STORET Standard and IP Standard.
  Technology used : Windows (OS), Laravel 8, MySQL (Database), JavaScript

- **SITARUBOYO (2023) (Full Stack Role)**
  This application belongs to the Surabaya city government for monitoring archival data and spatial planning throughout the city of Surabaya. the presence of the application is to receive reports, store archive data and spatial data throughout the city of Surabaya. This application uses SSO authentication and consists of 3 roles, namely administrator, district and village. in this application consists of 2 types

of data types, namely tabular data and also spatial data. This tabular data is used to handle tableable data and complete reports.

Technology used : Linux Ubuntu (Server), Laravel 8, PgSQL (Database), Geoserver (Spatial Data)

- **Serviskita.com (2021) (Full Stack Role)**

  This website and application are online shuttle services. the purpose of making this application is to make servicing of laptops, PCs and printers easier from home. This website belongs to a partnership company in Surabaya which provides laptop and computer service services. This application has at least 5 user roles. Among them superadmin, admin, client, officers, technicians. This website consists of two parts. The first is the UI/UX company profile using WordPress and for the management application using Laravel 8, with the database used by MySQL. This application is equipped with a myriad of complete features. starting from authentication using Google Oauth, email verification, user management, service, inventory, promos, financial reports, balance for each account, and also bookkeeping. with automatic calculations to make it easier for companies and also for the convenience of online service services.

  Technology used : Laravel 8, MySQL (Database), JavaScript , API

- **PNBP-PKH (2023) (Full Stack Role)**

  This specific application belongs to the Ministry of Environment and Forestry of the Republic of Indonesia. This application project is used to monitor mandatory payment data throughout Indonesia, including to receive payment data, generate billing codes, automatic letters, for reminders, due dates, and also installments. In addition, this application is equipped with an electronic signature feature for correspondence. This application is considered quite complicated because it was built using Vue.Js for the Front End and Laravel for the Backend. For data exchange using RestFul API.

  Technology used : Vue.Js (Front End), Laravel 9 (Backend) , PgSQL(Database), JavaScript , RestFul API.

- **Basis – Data Application (2024) (Full Stack Role)**

  The database application is an application owned by the regional apparatus organization of the city of Surabaya in the government and people's welfare section containing everything in the regional apparatus organization such as sub-district data, sub-district one Surabaya. and also contains spatial analysis data which contains PBB data, building data, and data on the distribution of scholarships in the city of Surabaya.

  Technology used : Macos (OS), Geoserver, Laravel, Postgresql, Ubuntu Server, Javascript, Openlayer (Map Handler).

- **Infrastruktur As A Service For TaniPintar Platform (2024) (Devops Role)**

  This project is a final assignment project carried out at the Surabaya State Electronics Polytechnic campus. This platform was created using the AWS Cloud which is the basic infrastructure. used as a platform for receiving and storing data from IoT devices and as a platform for deploying machine learning and live websites to display weather forecasts and soil fertility monitoring data

  Technology used : Macos (OS), AWS Cloud Computing, ESP32, Arduino IDE, Docker

Social Media

- **Instagram** : **arshb.73**
- **Github** : **arisohib**
- **Website** : **arisohib.github.io/myProfile**
- **Linkedin** : **ari sohibussultoni**

# SITELOR

(Electrical substation monitoring system)

Year Accomplished
2023

Role/Position
Full Stack Web Developer

Publication Link
(Not Public Because Internal Usage) only localhost

Project Description SITELOR

This project belongs to PLN UP2D East Java. This information system's main objective is to monitor data on electrical substations in the East Java area and their health. This application has authentication, feeder, health index, AI predictions and simulation features

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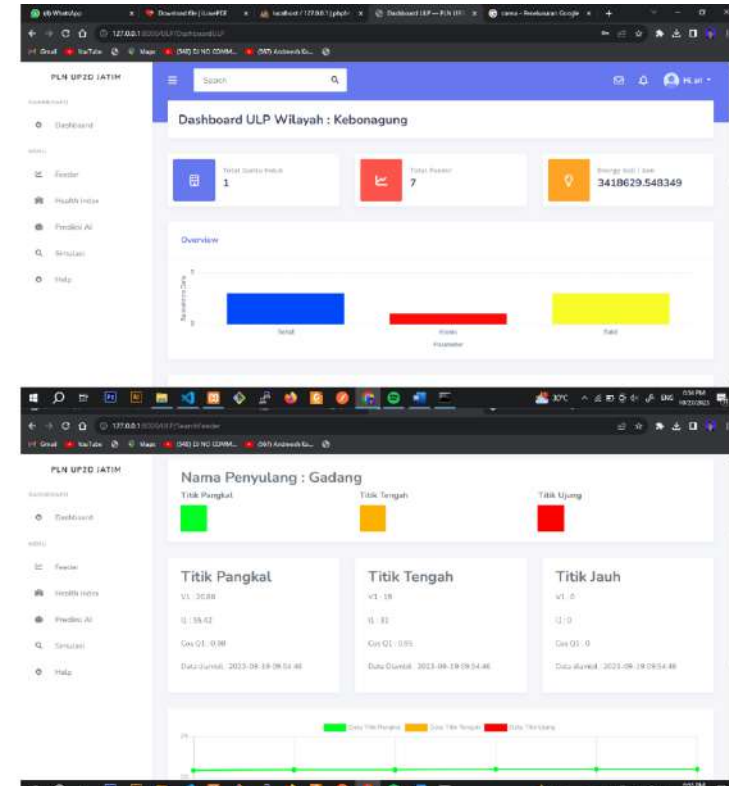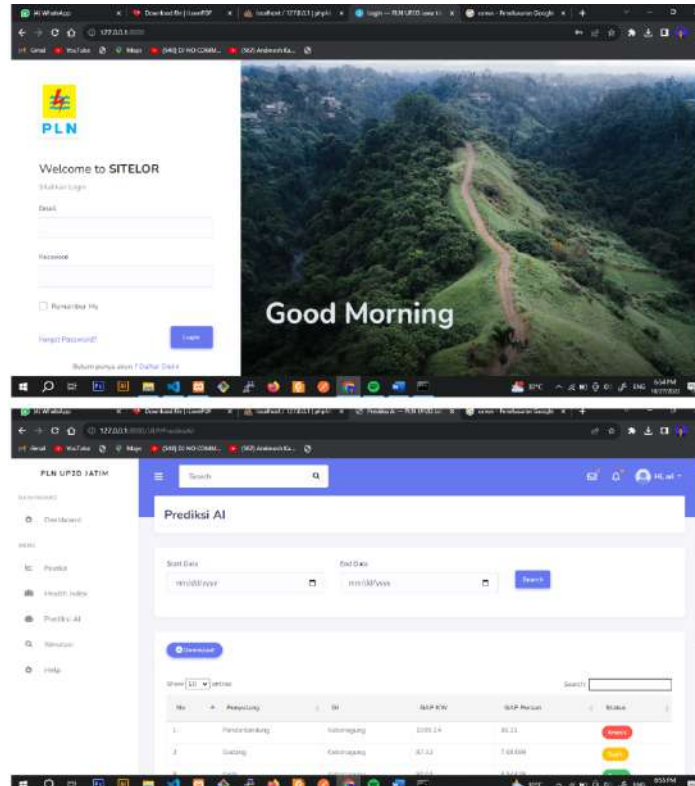
SITARUBOYO

(Suroboyo spatial planning information systema)

Year Accomplished
2023

Role/Position
Full Stack Web Developer

Publication Link
https://sitaruboyo.dprkpp.web.id/index/

Project Description SITARUBOYO

This application belongs to the Surabaya city government for monitoring archival data and spatial planning throughout the city of Surabaya. the presence of the application is to receive reports, store archive data and spatial data throughout the city of Surabaya. This application uses SSO authentication and consists of 3 roles, namely administrator, district and village. in this application consists of 2 types of data types, namely tabular data and also spatial data. This tabular data is used to handle tableable data and complete reports. Spatial data is used to map data per sub-district and sub-district area and will be layered with color parameters for different parameters. the application was built using Laravel 9, SSO (Single Sign On) Authentication , and the database used PostgreSQL and the production phase used the Linux ubuntu server belonging to the Surabaya city government.
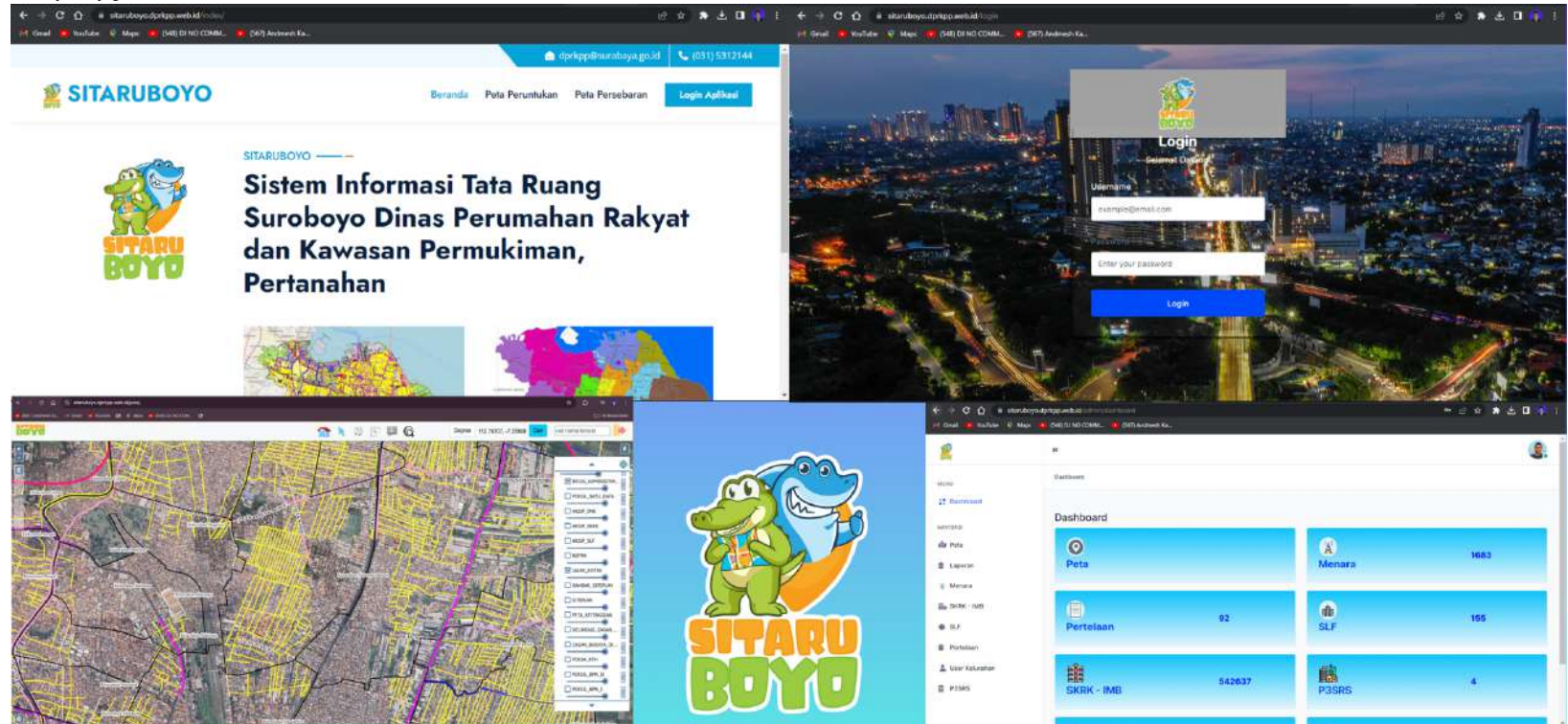
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Serviskita.com

(Suroboyo spatial planning information systema)

Year Accomplished
2022

Role/Position
Full Stack Web Developer

Publication Link
https://serviskita.com/
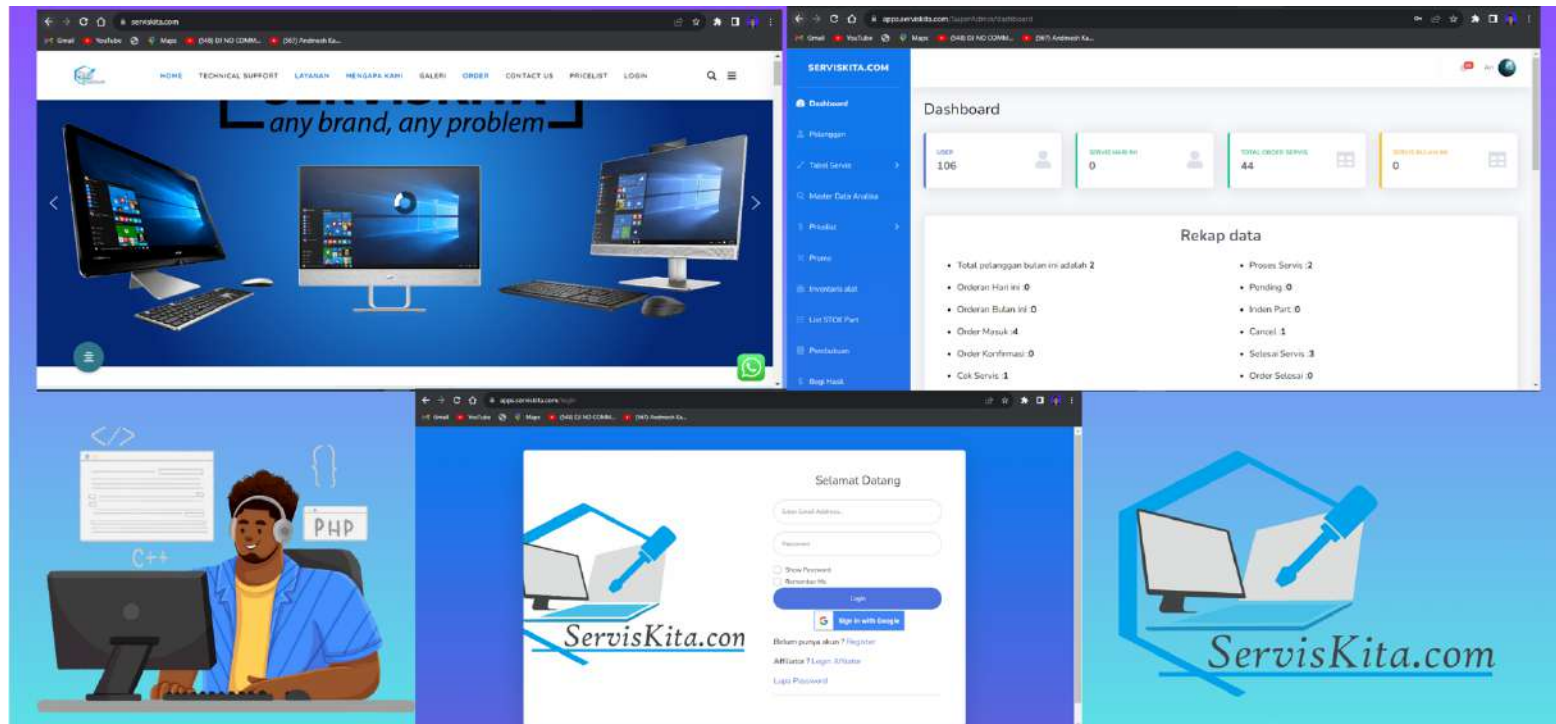
Project Description Serviskita．com

This website and application are online shuttle services. the purpose of making this application is to make servicing of laptops, PCs and printers easier from home. This website belongs to a partnership company in Surabaya which provides laptop and computer service services. This application has at least 5 user roles. Among them superadmin, admin, client, officers, technicians. This website consists of two parts. The first is the UI/UX company profile using WordPress and for the management application using Laravel 8, with the database used by MySQL. This application is equipped with a myriad of complete features. starting from authentication using Google Oauth, email verification, user management, service, inventory, promos, financial reports, balance for each account, and also bookkeeping. with automatic calculations to make it easier for companies and also for the convenience of online service services.

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Project Description Of Basis Data

PNBP-PKH
(Non-tax state revenue from the use of forest areas)

Year Accomplished
2023

Role/Position
Full Stack Web Developer

Publication Link
http://pnbp-pkh2.menlhk.go.id/
(testing phase)

This application is a project that belongs to my best and biggest project category. I am very happy and grateful to be able to participate in working on this application project. This PNBP – PKH application is an application system for Non-Tax State Revenue in the field of Use of Forest Areas or in Indonesian called PNBP-PKH (Penerimaan Negara Bukan Pajak Penggunaan Kawasan Hutan). This specific application belongs to the Ministry of Environment and Forestry of the Republic of Indonesia. This application project is used to monitor mandatory payment data throughout Indonesia, including to receive payment data, generate billing codes, automatic letters, for reminders, due dates, and also installments. In addition, this application is equipped with an electronic signature feature for correspondence. This application is considered quite complicated because it was built using Vue.Js for the Front End and Laravel for the Backend. For data exchange using RestFul API.
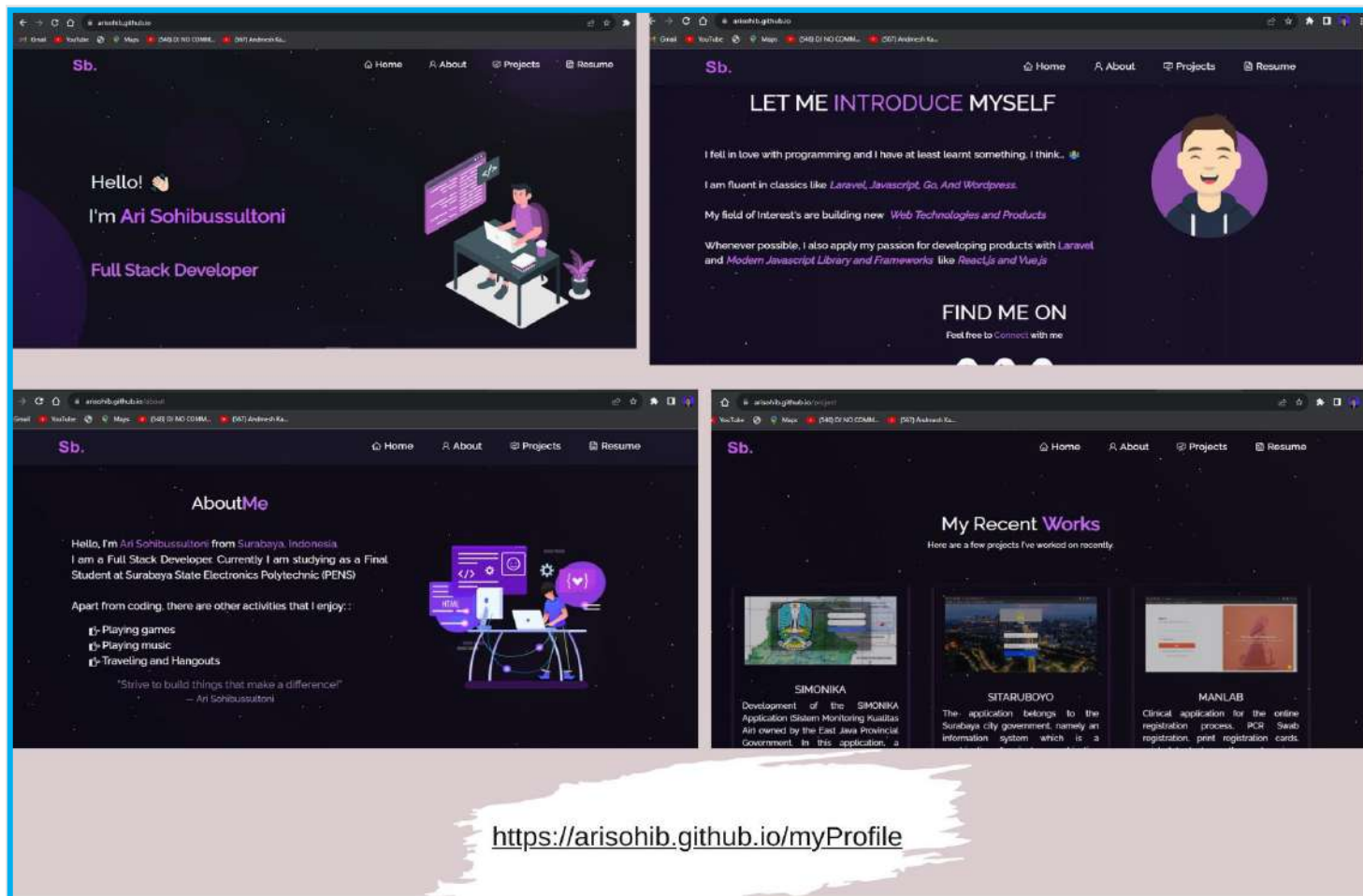
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My Portfolio
(My Personal Blog)

Year Accomplished
2023

Role/Position
Full Stack Web Developer

Publication Link
Arisohib.github.io/myProfile

Project Description My Portfolio

This is my own portfolio website project. In my opinion, this website project is included in the best category, because when it was made, I was also just learning React.Js. My Portfolio profile website contains a summary of my profile, the tools I usually use and also the skill set that I have mastered. In addition, there is also a CV page on the website. And also a big project that I've worked on. At the time of making this project I used open source resources also on github. The challenge when working on this project was that this project was the newest framework that I had just mastered and by learning and trying it finally made my portfolio profile website usable and accessible online.

https://arisohib.github.io/myProfile

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My Portfolio
(My Personal Blog)

Year Accomplished
2024

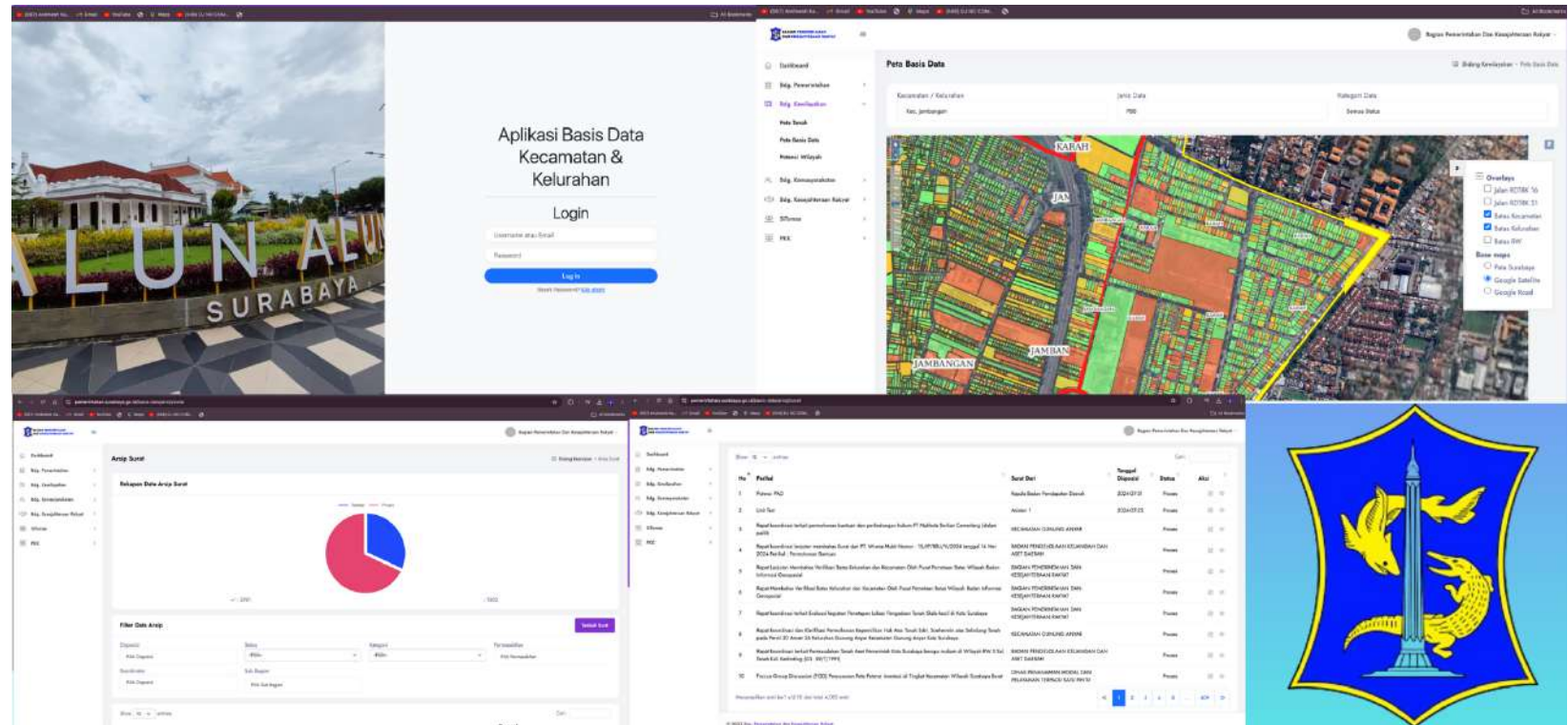**Role/Position**
Full Stack Web Developer

Publication Link
Pemerintahan.surabaya.go.id

Project Description Basis Data

The database application is an application owned by the regional apparatus organization of the city of Surabaya in the government and people's welfare section containing everything in the regional apparatus organization such as sub-district data, sub-district one Surabaya. and also contains spatial analysis data which contains PBB data, building data, and data on the distribution of scholarships in the city of Surabaya.

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Project Description Infrastruktur TaniPintar

This project is a final assignment project carried out at the Surabaya State Electronics Polytechnic campus. This platform was created using the AWS Cloud which is the basic infrastructure. used as a platform for receiving and storing data from IoT devices and as a platform for deploying machine learning and live websites to display weather forecasts and soil fertility monitoring data. This project Use a several service of AWS Cloud Service. There are IoT Core, Lambda, AWS API Gateway, EC2 Instace, DynamoDB , Cloudwatch . the platfrom is for use case of IoT service and gateway of data transaktion using Restful Api from AWS API Gateway for Website. The output website is 2 there are flask and Laravel, that use a for monitoring and prediction in different purpose, there are for smart Weather and Smart agriculture.

My Portfolio
(My Personal Blog)

Year Accomplished
2024

Role/Position
Full Stack Web Developer

Publication Link
Pemerintahan.surabaya.go.id

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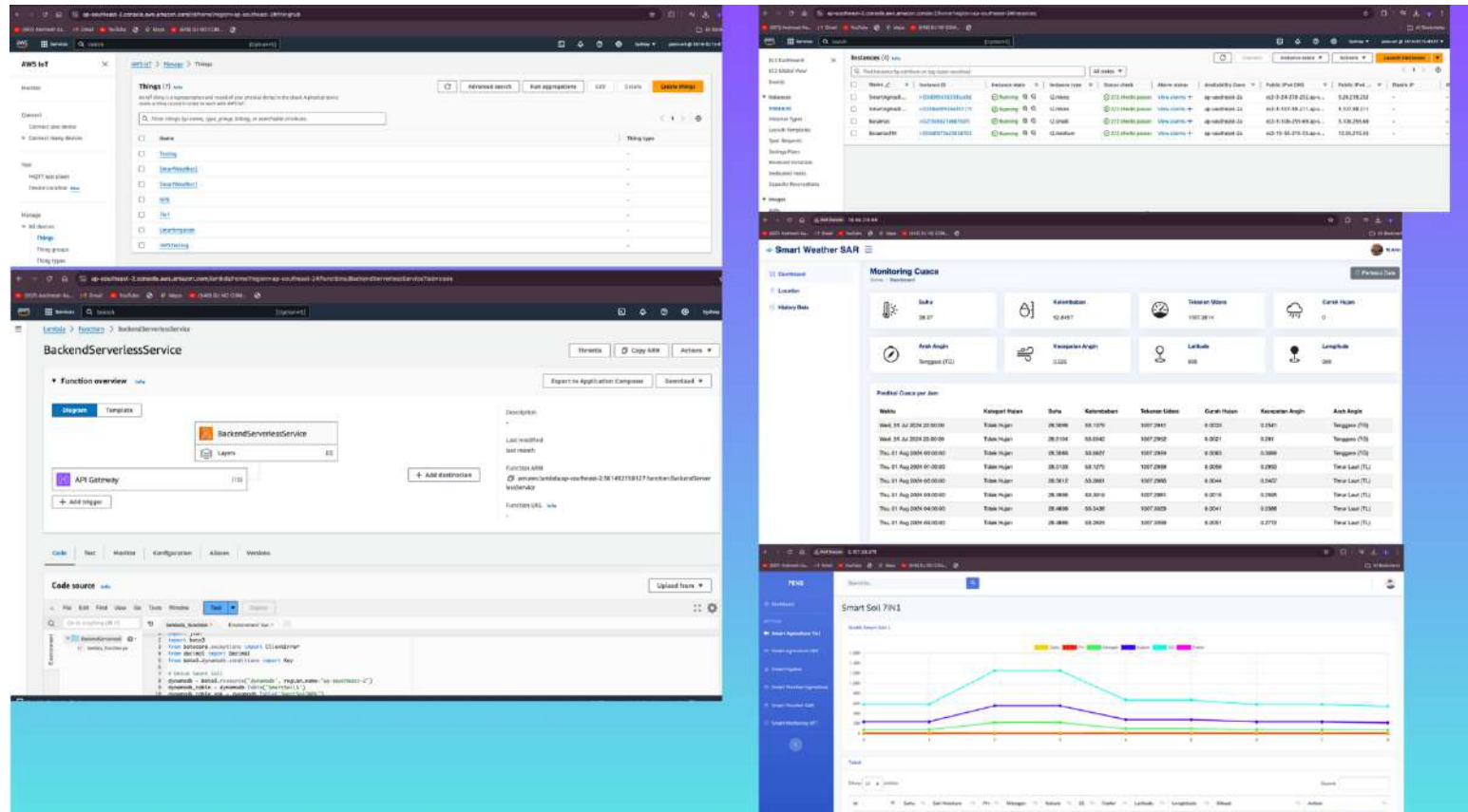
SIMONIKA

(Water Quality Monitoring System)

Year Accomplished
2021

Role/Position
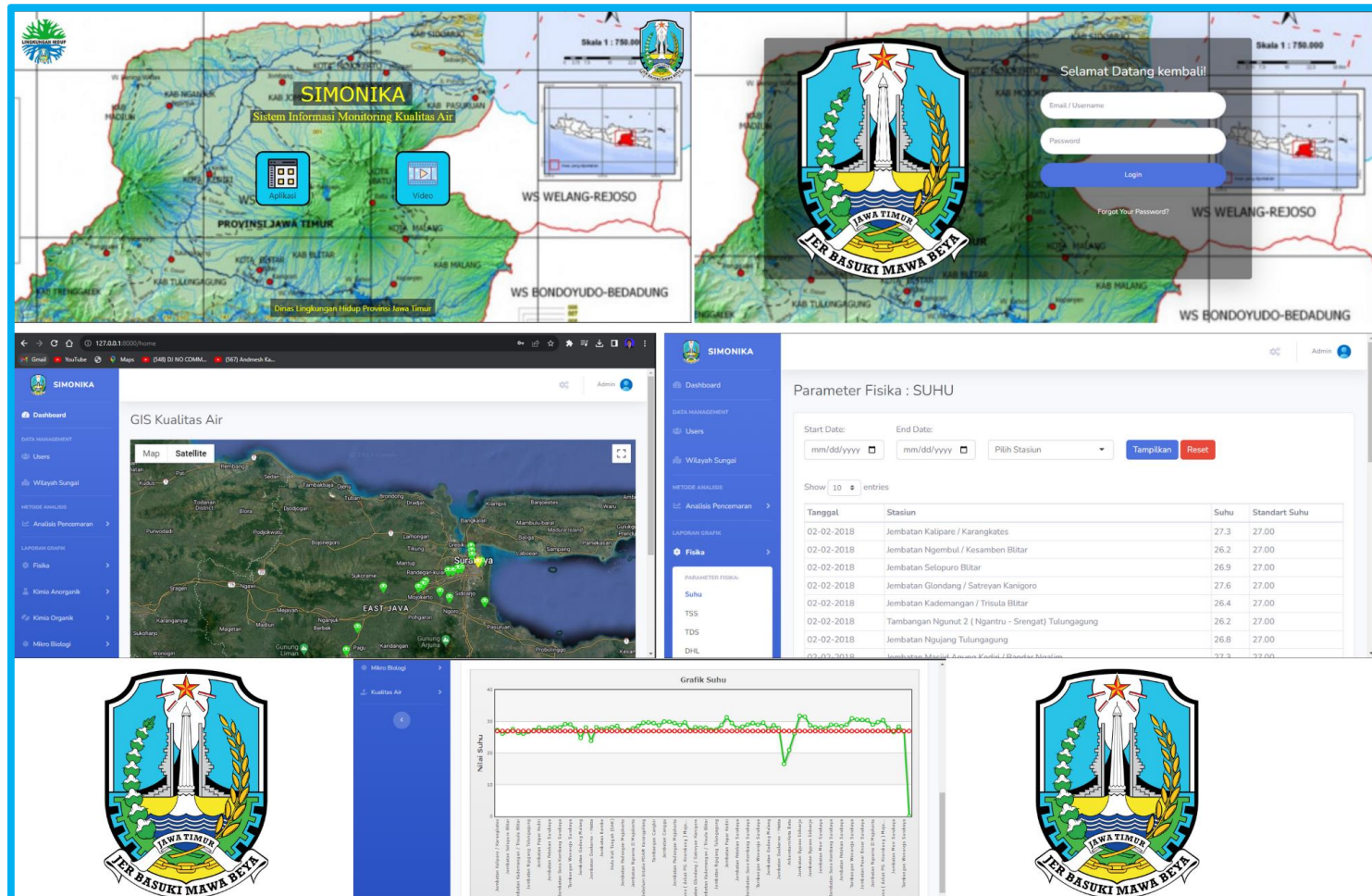*Full Stack Web Developer*

Publication Link
(Not Public Because Internal Usage) only localhost

Project Description SIMONIKA

Development of the SIMONIKA Application (Water Quality Monitoring System) owned by the East Java Provincial Government. In this application, a system is created to accommodate all data on the location of bridges or rivers in East Java. This is intended so that the East Java Provincial Government has river water data. the data will be processed which will later be used as a parameter to measure the level of pollution in the river and that location. by using predefined parameters such as microbiology, chemistry, and physics. which is calculated using STORET Standard and IP Standard. In addition, the data is presented in the form of a complete report graph and also the results of the parameter calculation analysis are presented in a simple GIS display

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