

# RIVONNY WULANDARI

## SOFTWARE DEVELOPER

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Indonesia

A software developer and a university graduate with a Bachelor's degree in Information Systems from Universitas Andalas. I am a certified Junior Web Programmer by BNSP, showcasing my skills in web development. I completed an internship at Diskominfo Sumbar, where I gained practical experience in database design and web development. In addition, I also did a freelance project related to GIS websites. My fields of interest include Web Application, Mobile Application, and UI/UX Design.

## Work Experience

### Freelance Web Developer | Mar 2023 - Nov 2023

*Freelance - Padang, Indonesia*

- Built a GIS campus map web for Universitas Andalas using PHP, CodeIgniter4, OpenRouteService API and MySQL.
- Designed and analyzed system, user, and data requirements through observation of campus buildings, interviews with campus leaders, and study research.
- Built using Model-View-Controller architecture to implement create, read, update, delete (CRUD) with CodeIgniter and OpenStreetMap API to perform spatial functions and present spatial data on map.

### Web Developer Intern | Jan 2022 - Mar 2022

*Department of Communication, Information Technology, and Statistics of West Sumatra  
(Diskominfo Sumbar) - Padang, Indonesia*

- Analyze and discussed with programmers to create website interface of DPRD Sumatera Barat.
- Work with programmer to manage the database design of the DPRD Sumatera Barat.
- Complete program code of DPRD Sumatera Barat Website with PHP, CodeIgniter3, and MySQL.

## Education

### Universitas Andalas

*Bachelor Degree in Information Systems | GPA 3.74*

- 2nd place in the national-level GerakanLAA Essay Competition organized by FTI Universitas Andalas in 2020.
- 3rd Place in the national-level Epsilon Essay Competition organized by HIMA Statistika, Padang State University in 2022.
- Representing the Faculty of Information Technology, Universitas Andalas as an Outstanding Student (MAPRES) in the MAPRES Election at the Universitas Andalas level in 2022.
- Mentor for Diskas Application in the Social Project Competition INNOVILLAGE 2022 Diskas Activities on November 2022.

## Organizational Experience

### Laboratory of Geographic Information System (LABGIS)

*Assistan Coordinator*

- Member of the Household Division and carrying out the LPJ Labgis filing program in the 2020/2021 year management.
- Head of the Research and Development Division and being a speaker on internal upgrading regarding QGIS in 2022.
- Become an Assistant Coordinator in the 2022/2023 year management.

### Information System Department Students Association of Universitas Andalas (HMSI)

*Member of the Public Relations Division*

- Responsible for the implementation of the HMSI School Visit work program at SMAN 11 Padang in March 2022.
- Become a member of the 2022 HMSI Regeneration Committee.

## Skills

- **Hard Skills:** PHP, JavaScript, CodeIgniter, Laravel, React.js, Kotlin, Java, SQL, Python, GIS, MySQL, PostgreSQL, Firebase.
- **Certification:** Junior Web Programmer (LSP LP3I BNSP)
- **Interpersonal:** Responsible, fast learner, leadership, flexible work hours, able to work in teams and individuals.
- **Interest:** Web and app application, UI/UX design, front-end development, back-end development, data analysis, GIS.
- **Languages:** Indonesian - Native, English - Intermediate (TOEFL ITP Prediction Score: 520).

Portfolio

WORK | FINAL YEAR PROJECT | JAN 2024 - AUG 2024

Sumpu Tourism Village Website Individual Project

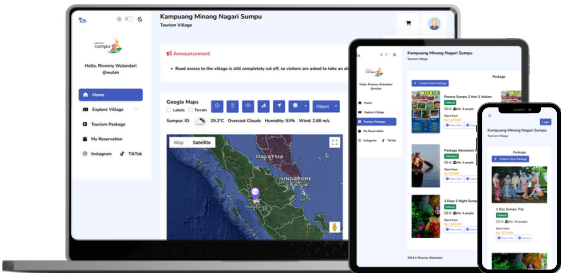
CODING - PROTOTYPING - TESTING

This is a geographic information system website for Sumpu Village that displays information on tourism packages complete with spatial features such as routes and geolocation, and users can also make reservations for tour packages and homestays on this website. This website helps Sumpu Tourism Community to manage reservations and digitalize reservation process.

The development of this website also includes systems analysis, process and database design, UI/UX design, coding and testing to determine the application's readiness.

Tools: PHP, CodeIgniter4, MySQL, Midtrans, Google Maps API, OpenWeatherMap API, Gmail SMTP.

Link: [wisatasumpu.infinityfreeapp.com](http://wisatasumpu.infinityfreeapp.com) Github: [Repository Sumpu](#)



WORK | FREELANCE WEB DEVELOPER | MAR 2023 - NOV 2023

Universitas Andalas Digital Map Website Group Project

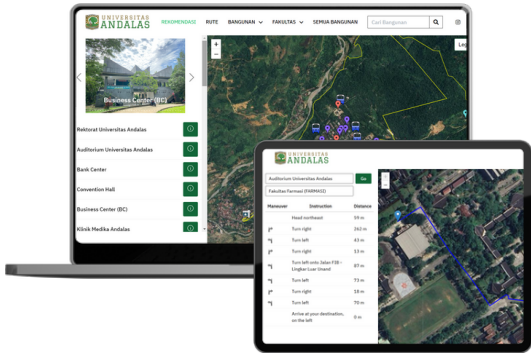
CODING - PROTOTYPING

This is an interactive digital map website that provides a solution for finding buildings and routes in Universitas Andalas area.

As a web developer in this group project, I designed and analyzed system, user, and data requirements through observation of campus buildings and interviews with campus leaders, designed the database, and coded the website. The website was built using Model-View-Controller architecture to implement create, read, update, delete (CRUD).

Tools: PHP, CodeIgniter4, MySQL, Openrouteservice API, OpenStreetMap API.

Link: [map.unand.ac.id](http://map.unand.ac.id) Github: [Repository Digital Map](#)



WORK | INTERN AT DISKOMINFOTIK SUMBAR | JAN 2022 - MAR 2022

DPRD Sumbar Website: Information Request Feature Individual Project

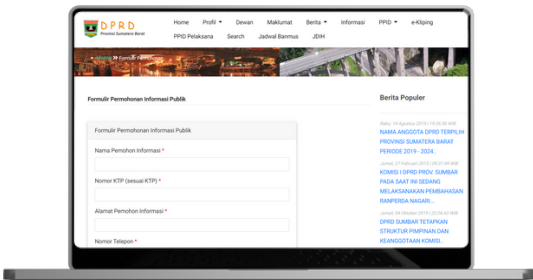
CODING - PROTOTYPING

This feature is provided to manage information requests on the website of the West Sumatra Provincial Parliament.

As an intern of The Application Division, I analyze and discussed with programmers to create website interface of the West Sumatra Provincial Parliament (DPRD Sumatera Barat), work with programmer to manage the database design of the DPRD Sumatera Barat, and complete codes of DPRD Sumatera Barat website with PHP and CodeIgniter Framework.

Tools: PHP, CodeIgniter3, MySQL.

Github: [Repository DPRD](#)



WORK | COURSE ASSIGNMENT | JUL 2024

MBTI Personality App Individual Project

CODING - PROTOTYPING

This app inspired by the 16personalities website and created with Kotlin that showcases the 16 personality types from the Myers-Briggs Type Indicator (MBTI) and provides detailed descriptions to help users understand themselves and others better. The app features a main page with a list of all 16 personality types, a detail page for each type, an about page, and a splash screen for a polished user experience.

Tools: Kotlin, Android Studio.

Github: [Repository MBTI Personality App](#)

