

RIVONNY WULANDARI

SOFTWARE ENGINEER

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Cikarang, Indonesia

A software engineer with a Bachelor's degree in Information Systems from Universitas Andalas and a Certified Junior Web Programmer by BNSP. I completed an internship at Diskominfo Sumbar and worked on GIS website development as a freelancer. My fields of interest include IT Project Management, IT System Analysis, and Software Development, with skills in SDLC, Agile, Scrum, PHP, CodeIgniter, Laravel, JavaScript, Node.js, React.js, Kotlin, MySQL, PostgreSQL, Figma, and Azure.

Work Experience

Freelance Web Developer | Mar 2023 - Nov 2023

Freelance - Padang, Indonesia

- Built a GIS campus map web for Universitas Andalas using PHP, CodeIgniter4, JavaScript, OpenStreetMap 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

- Campus Activist Award, Faculty of Information Technology, Universitas Andalas, Graduation I 2025.
- Mentor for Diskas Application in the Social Project Competition INNOVILLAGE 2022 Diskas Activities on November 2022.
- 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.
- 2nd place in the national-level GerakanLAA Essay Competition organized by FTI Universitas Andalas in 2020.

Organizational Experience

Laboratory of Geographic Information System (LABGIS)

Assistant Coordinator

- Become an Assistant Coordinator in the 2022/2023 year management.
- Head of the Research and Development Division and being a speaker on internal upgrading regarding QGIS in 2022.
- Member of the Household Division and carrying out the LPJ Labgis filing program in the 2020/2021 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:** SDLC, Agile, PHP, JavaScript, Node.js, React.js, CodeIgniter, Laravel, Kotlin, Java, Python, SQL, Figma, Azure
- **Certification:** Junior Web Programmer (BNSP).
- **Interpersonal:** Fast learner, leadership, responsible, flexible work hours, able to work in teams and individuals.
- **Interest:** IT Project Management, IT Business Analysis, IT System Analysis, Software Development, UI/UX Design.
- **Languages:** Indonesian - Native, English - Fluent (TOEFL ITP Prediction Score: 520).

Portfolio

WORK | FINAL YEAR PROJECT | JAN 2024 - SEP 2024 | INDIVIDUAL PROJECT

Sumpu Tourism Village Website

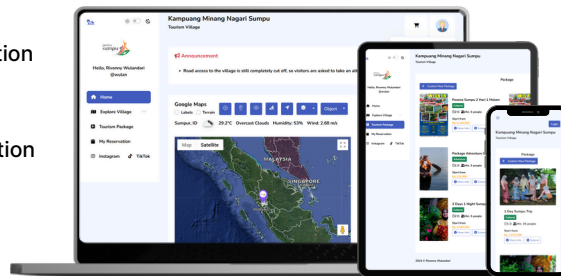
ANALYSING - CODING - PROTOTYPING - TESTING

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, JavaScript, MySQL, Payment Gateway Midtrans, Google Maps API, OpenWeatherMap API, Gmail SMTP, Figma, cPanel, Azure App Service.

Link: pesonasumpu.infinityfreeapp.com Github: [Repository Sumpu](#)



WORK | FREELANCE WEB DEVELOPER | MAR 2023 - NOV 2023 | GROUP PROJECT

Universitas Andalas Digital Map Website

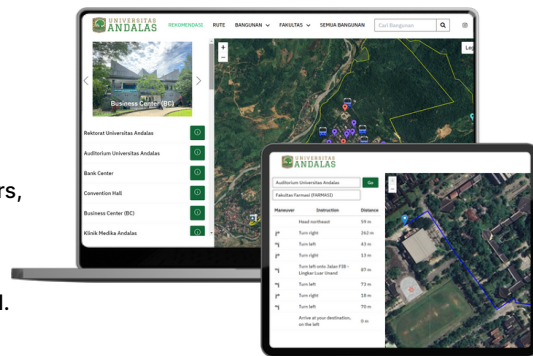
ANALYSING - CODING - PROTOTYPING

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, JavaScript, MySQL, OpenStreetMap API, OpenRouteService API.

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



WORK | COURSE ASSIGNMENT | DEC 2024 | INDIVIDUAL PROJECT

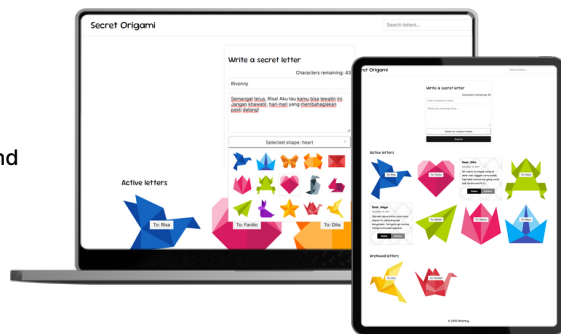
Secret Origami Website

CODING - PROTOTYPING

Secret Origami is a React-based web application that revives heartfelt communication through unique origami-shaped letters. Each letter unfolds to reveal its content when clicked, offering a delightful interactive experience. Users can submit, archive, delete, and search for letters easily, blending creativity and functionality into a captivating digital art form.

Tools: JavaScript, React.js, Vite, Github Pages.

Link: rionnywulandari.github.io/secret-origami Github: [Repository Secret Origami](#)



WORK | COURSE ASSIGNMENT | JUL 2024 | INDIVIDUAL PROJECT

MBTI Personality App

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](#)

