

WAHYU KHAIRI

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SUMMARY

Sixth-semester Informatics student at Andalas University (GPA 3.79) specializing in Web Development, Artificial Intelligence, Data Science, Mobile Development, and Data Visualization. Experienced in academic projects and organizational activities, with strong problem-solving, communication, and teamwork skills. Seeking internship opportunities to apply technical knowledge and gain professional experience.

EDUCATION

Bachelor of Informatics

Aug 2023 - Present

Andalas University

- Major in AI and Data Science | GPA 3.79

UNDERGRADUATE EXPERIENCE

Organization

Staff Member – Information and Media Division

Jul 2024 - Jul 2025

Informatics Student Association, Andalas University

- Design posters and visual materials for the organization's publication needs.
- Create and manage social media content, including brainstorming and compiling publication materials.
- Compose and schedule posts on the official Informatics Student Association account.
- Collaborate with team members to support the dissemination of information and organizational activities.

Committe

Event Coordinator – Consumption Division

Oct 2024 - Mei 2025

FESTIKA 2025

- Coordinated food and beverage requirements for event participants and committee members.
- Managed consumption logistics and distribution schedules during event activities.
- Collaborated with team members to ensure operational needs were fulfilled efficiently.

PROJECTS

Rental Service Website Interface Development - Front End Developer

Feb 2026 - Present

Academic Project

- Developed and implemented a responsive front-end interface for a rental service platform with a focus on usability and user experience.
- Designed and built interactive user interface components to ensure a consistent and visually appealing user journey.
- Collaborated with team members to integrate front-end features and optimize responsiveness across different devices and screen sizes.

Automatic Speech Recognition for English and Indonesian Text

April 2026

Academic Project

- Developed an Automatic Speech Recognition (ASR) system for converting English and Indonesian speech into text and evaluated and improved multilingual speech recognition performance.

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West Sumatra Poverty Data Visualization

April 2026

Academic Project

- Developed an interactive data visualization system for poverty data in West Sumatra using Leaflet.js and Folium.
- Created map-based visualizations to present regional poverty distribution and improve data interpretation.

Weather Detection using Convolutional Neural Network (CNN)

Nov 2025 - Des 2025

Academic Project

- Developed a weather classification model using Convolutional Neural Networks (CNN) to recognize weather conditions from image data.
- Performed data preprocessing, model training, and performance evaluation to improve prediction accuracy.
- Applied deep learning techniques to build an efficient image classification system.

Personal Protective Equipment (PPE) Detection using MobileNetV2

Nov 2025 - Des 2025

Academic Project

- Built an object detection system for identifying Personal Protective Equipment (PPE) using the MobileNetV2 architecture.
- Implemented image processing and deep learning methods.

Machine Learning-Based Stroke Risk Prediction System using Streamlit

Okt 2025 - Des 2025

Academic Project

- Developed a web-based application for stroke risk prediction using machine learning algorithms.
- Built an interactive interface with Streamlit for data input and prediction visualization.
- Performed data preprocessing, model development, and performance evaluation.

Mobile-Based Financial Recording Application using Flutter

Nov 2025 - Des 2025

Academic Project

- Developed a mobile application for personal financial management and expense tracking using Flutter.
- Designed an intuitive and user-friendly interface to enhance user experience.
- Implemented features for recording, monitoring, and managing financial transactions.

SOFT SKILL

Problem Solving, Team Collaboration, Communication, Adaptability, Analytical Thinking, Time Management

TECHNICAL SKILLS

Programming Languages

PHP, Java, Python, JavaScript, Dart, HTML, CSS

Frameworks & Libraries

Laravel, Flutter, Bootstrap, Streamlit, Folium

Tools & Platforms

Git, GitHub, Visual Studio Code, Figma, Canva, Laragon, XAMPP.