

# FIKRI FAUZI

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A fresh graduate from Telkom University with a Bachelor's degree in Informatics. I have a strong interest in Machine Learning, AI development, Recommender Systems, Natural Language Processing, and Web Development. I have hands-on experience in Full-Stack development using Laravel, React, and Python frameworks. Currently seeking opportunities to apply and grow my skills in a professional industry environment.

## EDUCATION

### Telkom University

Bandung, Indonesia

*Bachelor's degree in Informatics* | GPA : 3.86/4.00

- Senior member of the DataWarehouse division of Big Data Laboratory.
- Published and presented paper on 2025 1st International Conference on Data Science and Geoinformatics (ICDSG).
- Finalist of Astra Renewable Energy competition.

## SKILLS

**Hard skills** : HTML, CSS, JavaScript, Python, MySQL, React, Next, Express, Tailwind, Laravel.

**Soft skills** : Problem Solving, Team Work, Time Management, Adaptability, Communication.

**Area of Focus** : Web Development, Recommender System, Natural Language Processing

## WORK EXPERIENCE

### Web Developer

Telkom University

August 2025 - December 2025

- Developed a reporting system using React and SBERT to automate report categorization.
- Increased reporting system efficiency by up to 30% through automation.
- Implemented a monitoring dashboard to improve visibility and streamline report management processes.

### Full-Stack Developer

Department of Communication and Informatics

June 2025 – August 2025

- Developed a full-stack web application that increased service handling efficiency by up to 60%.
- Implemented email verification and user validation features to improve system security.
- Designed and implemented a monitoring dashboard to track and manage service complaint statuses efficiently.
- Improved public service transparency by enabling structured and well-documented complaint history tracking.
- Synchronized the system with multiple government agency data sources within Kebumen Regency.

## PROJECTS

### Manajemen Layanan | [GitHub](#)

Laravel, JavaScript, Blade, Tailwind, MySQL, REST API

- Developed a service management web application using Laravel that improved service efficiency by up to 60%.
- Integrated the application with data from government agencies across Kebumen Regency using REST APIs.
- Created comprehensive and well-structured technical documentation to support system integration and future development.

### Fire-Smoke Detection | [GitHub](#)

Python, Flask, YOLOv8, JavaScript

- Developed a fire and smoke detection model using YOLOv8, achieving an evaluation metric (mAP) of 0.62.
- Integrated the detection model into a web application to provide accessible and realtime system usage.

### Ticketing-Based Reporting System | [GitHub](#)

React, Python, FastAPI, indoBERT

- Developed a ticketing-based reporting system integrated with indoBERT to automate report category classification.
- Designed and implemented a dashboard to support organized monitoring and handling of reports.
- Automated a previously manual report classification process, significantly improving processing efficiency.

## CERTIFICATION

- Internship Completion Certificate – Department of Communication and Informatics, 2025.
- Web Design Competition Certificate (Finalist) – Interfest, Telkom University, 2024.
- International Conference Speaker Certificate – International Conference on Data Science and Geoinformatics (ICDSG), 2025.