



# Husni Robani

## Software Engineer

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KOTA BANDUNG, JAWA BARAT

## SUMMARY

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Final semester student specializing in backend development with hands-on experience in Python, PHP, Flask, and Laravel. Skilled in designing and implementing backend systems and RESTful APIs. Proven ability to lead projects independently and collaborate effectively within teams to deliver high-quality solutions.

## EXPERIENCE

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- 03/2024 - 05/2024

**Full Stack and Machine Learning Engineer**  
Abstract Text Classifier with LSTM and Flask
  - Developed an LSTM-based deep learning model using PyTorch for abstract classification
  - Created and deployed a RESTful API with Flask to integrate and serve the deep learning model
  - Designed the entire system architecture
  - Performed extensive data preprocessing and feature engineering to optimize model performance
  - Conducted thorough testing and validation to ensure the accuracy and robustness of the model.
- 11/2023 - 01/2024

**Backend Engineer**  
Riyadhul Jannah Zakat App
  - Developed the backend system and implemented REST APIs for the application.
  - Developed cookie-based authentication and authorization mechanisms to secure the application
  - Collaborated with frontend developers to create seamless user experiences
  - Designed and implemented database schemas to ensure data integrity and performance
  - Implemented error handling and logging to troubleshoot and resolve issues quickly.
- 08/2023 - 09/2023

**Full Stack Developer**  
HIMATIF Voting System
  - Developed as a full-stack engineer, handling everything from UI/UX design to frontend and backend development.
  - Leveraged signed URLs to generate personalized, secure links for each user, enhancing user experience and security
  - Implemented a queuing system to efficiently manage and process email tasks.
  - Created a scalable database schema to handle user data and voting results efficiently.
  - Implemented a service pattern to optimize backend logic for enhanced scalability
  - Deployed and monitored application performance using cloud services.
  - Designed a responsive and user-friendly interface
- 08/2022 - 08/2023

**Head of Organisation**  
Himpunan Mahasiswa Teknik Informatika (HIMATIF)
  - Led and coordinated activities for the student, demonstrating strong leadership skills in decision-making and organization
  - Addressed challenges and resolved conflicts within the organization
  - Fostered a collaborative environment among members, encouraging teamwork and maximizing participation in organizational activities.

- Developed and delivered presentations, effectively communicating ideas and initiatives to a diverse audience
- Managed budgets, events, and projects effectively, ensuring smooth operation and achieving set goals.

EDUCATION

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11/2020 - 11/2024

**Computer Science**  
Widyatama University  
Bachelor's Degree

SKILLS

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Python  
PHP  
MySql  
Javascript  
Java  
Laravel

Flask  
React Js  
Tailwind  
Git  
GitHub  
Pytorch