

# DANKE HIDAYAT

## ABOUT ME

I am currently pursuing a bachelor degree in computer engineering at Bogor Agricultural Institute with experience in Cisco networking engineering, SQL databases, and Internet of Things with a willingness to learn and innovate.

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🌐 ipb.university/linkedin-danke

📍 Perum D'Arjuna Residence  
Kav. A6, Jalan Cagar Alam  
Selatan, Depok 16439

## PROJECT EXPERIENCE

### IoT-based Automatic Trash Bin Sorter

2024 - PRESENT



- Developed the code that runs on the ESP32 to control bin sorter operations.
- Design and develop electronic circuits to support the main functions of the bin sorter.
- Create a control logic to direct the sorted wasted into appropriate bins.
- Ensured proper power distribution and signal conditioning for all electronic component.
- Selected and integrated various sensors for waste detection and categorization.
- Achievement:
  - Successfully integrated hardware and software components to create a fully functional bin sorter.
  - Enhanced the system's efficiency and accuracy in sorting different types of waste.
  - Developed a robust and maintainable codebase for long-term project sustainability.



☎ 0895-1456-5022

## EDUCATION

2021 - 2025  
SEKOLAH VOKASI IPB

- Computer Engineering
- GPA: 3.52 / 4.0

2018 - 2021  
SMKN 2 KOTA DEPOK

- Computer Network  
Engineering

## SKILLS

- Internet of Things
- Cybersecurity
- Technical Support
- Linux System Administration
- Network Troubleshooting
- Embedded System
- Network Administration
- Printer Support
- Web Development

## LANGUAGES

- English (Fluent)
- Bahasa Indonesia (Native)
- Japanese (Basic)
- German (Basic)

## REFERENCE

- Aep Setiawan | University Lecturer
  - Phone: 0852-2333-9341
- Joseph | IT Officer Wyndham Casablanca
  - Phone: 0813-8080-5458

## Hydrolevi (Water Levelling Monitoring Control System)

2023 - 2023

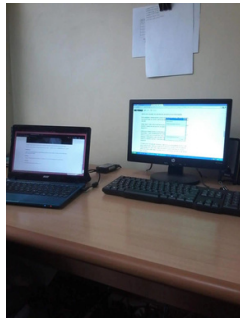


- Role: Electronic and Web Developer
  - Technology used: Laravel Framework
- Designed and developed a dedicated page to showcase team members.
- Ensured a responsive design for optimal viewing on various devices.
- Created a functional contact form for user inquiries and feedback.
- Achievement:
  - Successfully delivered a user-friendly interface for team presentation.
  - Enhanced user engagement and communication through an efficient contact form.
  - Utilized the Laravel framework to streamline development and ensure maintainability.

## INTERNSHIP EXPERIENCE

### Assistant IT Officer

2020-2021



- Managed daily data backups to ensure data integrity and availability.
- Ensured all endpoints received regular security updates to protect against vulnerabilities.
- Programmed RFID keycards for staff and hotel guests, ensuring secure access control.
- Troubleshooted and resolved computer and printer issues for staff.
- Assisted hotel guests with network problems, providing timely and effective solutions.
- Prepared conference rooms for bi-weekly meetings, ensuring all necessary equipment was set up and functioning.
- Set up Oracle POS systems for new installations and maintained existing systems.



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