

DONI AGUS ADILA

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SUMMARY

Have a background in informatics with a focus on Internet of Things (IoT) expertise and have also been involved in several project developments, including Web Projects, Android Applications, and serving as a Database Practicum Assistant. I am passionate about the development of renewable technology, possess an ENFP-A personality (via MBTI), and enjoy working in teams and socializing with people. As a detail-oriented Computer Systems Engineer, I am committed to improving system design and operations for reliable workflow management. I research and implement budget-conscious security and encryption solutions to protect user privacy and enhance overall network health, while also creating easy-to-follow guidelines and troubleshooting documentation for non-technical staff.

WORK EXPERIENCE

IoT Developer - Digital Innovation Dept | PT. Great Giant Foods Jan 2023 - Present

- Participate in the system development life cycle starting from getting requirements, requirements analysis, and making blueprint, RnD, to the system implementation stage (On VAT (*Vehicle Activity Tracking*) Boom Sprayer, TPM (*Total Productive Maintenance*) Boom Sprayer, Agitator sensors for Supply Tank Car, and VAT (*Vehicle Activity Tracking*) Tractor).
- Follow up with Boom Sprayer operators and drivers to use the VAT (*Vehicle Activity Tracking*) Boom Sprayer.
- Coordinating with section heads and section heads to maintain consistent use of the VAT (*Vehicle Activity Tracking*) Boom Sprayer and TPM (*Total Productive Maintenance*) (Especially the PG 3 area).
- Check data suitability manually (in the database) and automatically (in the dashboard).
- Collaborate in terms of development, maintenance, and sustainability of projects in the Smart Agri Division.
- Supervise and participate in the development and maintenance of hardware installed on the VAT (*Vehicle Activity Tracking*) Boom Sprayer unit (Especially the PG 3 area)

IoT Developer Intern - Digital Innovation Dept | PT. Great Giant Foods Jul 2022 - Jan 2023

- Carrying out installation rollout on 17 boom sprayer units at PG 1, PG2, and PG 3
- Provide level 2 and 3 technical support and troubleshooting to internal and external clients (Project VAT (*Vehicle Activity Tracking*) Boom Sprayer and TPM (*Total Productive Maintenance*)).
- Supervise and participate in the development and maintenance of hardware installed on the VAT (*Vehicle Activity Tracking*) Boom Sprayer unit (Especially the PG 3 area).
- Manage usage of various types of databases and configure, install, and update databases.

IT Support Engineer Intern - IT Support Division | PT. Garuda Maintenance and Facility AeroAsia Jun 2019 - Aug 2019

- Provided Tier 1 IT support to non-technical internal users through desk-side support services.
- Resolved a diverse range of technical issues across multiple systems and applications for customers and end-users across various time zones.
- Monitored systems in operation and quickly troubleshoot errors.
- Used ticketing systems to manage and process support actions and requests.

EDUCATION

Bachelor of Science - Informatics Engineering (GPA : 3.04)

Aug 2016 - Oct 2020

Sumatera Institute of Technology

- Programming: The completion includes mastering programming foundations with languages such as Java, C++, and Python.
- Database Management: A student learns database design and SQL, wireframes databases with systems like MySQL, and MongoDB, and practices.
- Networking: Fundamental knowledge of computer networking principles, protocols, and security is required too.
- Operating systems: A good understanding of operating systems basics, including memory and process management, is expected from a student.
- Software development: Skills in the software development lifecycle, and software testing techniques.
- Information security: basic security concepts, cryptography, network security;
- Artificial Intelligence: AI fundamentals, machine learning algorithms;
- Image and audio processing: digital image and audio processing basics. Software engineering, including software engineering principles and project management.

Senior Highschool - Computer Networking and Telecommunication

Aug 2013 - May 2016

SMK Taman Siswa Telukbetung Bandar Lampung

- Computer Networking: Understand the basic principles of computer networking, network device configuration, and network troubleshooting.
- System Administration: Learn about operating system administration such as Windows and Linux, including installation, configuration, and troubleshooting.
- Computer Assembly and Repair: Learn about computer assembly, hardware installation, and hardware troubleshooting.
- Cloud Technology: Understand the basic concepts of cloud technology, including data storage and cloud computing.

SKILLS

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|--------------------|-------------------|-------------------|
| • SQL | • C++ | • Adobe Photoshop |
| • Python | • JSON | • Canva |
| • C | • Microsoft Excel | • Jira |
| • Microsoft Office | • CSS | • Trello |
| • HTML | • JavaScript | • GitHub |
| • Microsoft Word | • MySQL | • GitLab |
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LANGUAGES

Bahasa Indonesia

English

HOBBIES

- Development of Renewable Technology
- Listening to music
- Travelling