CURRICULUM VITAE

PERSONAL INFORMATION

Name : Ashadi Setiawan
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EDUCATIONAL BACKGROUND

Bachelor's Degree of Electrical Engineering (2017 – 2021)

Ahmad Dahlan University Yogyakarta
GPA : 3.83 / 4.00
Final Project : "Stirring System Design for Automatic Coffee Maker Using OMRON PLC and PID Control"

CAREER MAIN ROLE

Highly motivated for Information Technology, Web Development, Electronics or Automotive companies, as well as the Electrical Engineering industry or jobs related to my skills. I am a meticulous, detailed, hardworking and adaptable person.

CAREER SUMMARY

When I was in college, I have internship experience at Electrical Engineering Automation and Electrical Installation Laboratory, Ahmad Dahlan University to learn about Programmable Logic Controller (PLC) input/output, Analog to Digital/Digital to Analog on PLC, as well as DC motor control using PLC with PID (Proportional Integral Derivative) method. I was entrusted to make PLC trainer module which is used for practical needs and training certification. I also actively participated in both academic and non-academic organizations, such as internship assistant, member of PLC study group team and UAD electric car team, as well as training committee, which can improve my personality in teamwork, time management and self-development.

CORE COMPETENCIES

- Good communication and presentation skills.
- Have a good attitude and work behavior.
- Able to work individually as well as team work.
- Good at problem solving for continuous improvement.
- Adaptable, time management, and fast learner.

PROFESSIONAL EXPERIENCE

- **Engineering Unit Head at PT Mayora Indah, Tbk. (Juli – November 2022)**
  - Check and control the history of process production machine and their supporting equipment.
  - Maintain the tidiness and cleanliness of the work environment according to 5R and GMP.
  - Carry out the procedure and work instructions that have been set and other tasks assigned by supervisor and above.
  - Repair and maintain the batch counter system using Arduino to keep it running properly. Develop the system according to the existing conditions.

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- **Internship at Electrical Engineering Automation and Electrical Installation Laboratory, Ahmad Dahlan University, Yogyakarta (September – November 2020)**
  - Learn about PLC input/output, Analog to Digital/Digital to Analog on PLC, and conduct research and development related to DC motor control using PLC. Creating a PLC Trainer Module as a means of learning about input/output wiring, Analog to Digital/Digital to Analog and controlling DC motors using the PID (Proportional, Integral, and Derivative) algorithm on the PLC.

- **Laboratory Assistant at Electrical Engineering Ahmad Dahlan University, Yogyakarta**
  - **Basic Programming (October 2018 – January 2019)**
    Assisting lecturers in guiding student practicum on basic programming using C++ language.
  - **PLC and DCS (October 2020 – January 2021)**
    Assisting lecturers in guiding student practicum on basic programming on PLC using Ladder Diagram Language and Human Machine Interface (HMI) design.
  - **Electronic Instrumentation and Control (October 2020 – February 2021)**
    Assisting lecturers in guiding student practicums about the function and use of electronic components in control systems.
  - **Embedded System (April – July 2021)**
    Assisting lecturers in guiding student practicums on the basics of programming using MicroPython to design a system.

SKILLS

- **Software**
  - Microsoft Office (Word, Excel, Power Point)
  - CX-Programmer
  - Arduino IDE

- **Programming**
  - HTML
  - CSS
  - JavaScript

- **Language Proficiency**
  - Indonesia (Native)
  - English (Beginner)

ORGANIZATION AND COMMITTEE EXPERIENCES

- **Liaison Officer of PLC Training (2019)**
  - Responsible for providing direction to participants and ensuring every activity runs according to the event schedule.

- **Member of the PLC Study Group, Installation Division (January 2019 – December 2020)**
  - Assist in completing case studies on PLCs in making Human Machine Interface (HMI) using CX-Designer as the interface between the user and the system being created.

- **Member of the UAD Electric Car Team, Electrical System Division (November 2019 – April 2022)**
  - Determine the electrical components needed in the manufacture of electric cars, conduct research and develop the necessary systems according to competition regulations, make wiring designs and be responsible for completing electrical circuits in electric cars.

CERTIFICATION OF COMPLETION

- **Udemy (Desember 2023)**
  - Web Development Bootcamp: Frontend dan Backend Web Development.

- **PT Revolusi Cita Edukasi (RevoU) (November 2023)**
  - Software Engineering Fundamental Course: Create a website with HTML, CSS, and Javascript.

- **Badan Nasional Sertifikasi Profesi (BNSP) (October 2020 – October 2023)**
  - Certificate of Competency in the field of Industrial Automation qualification Programmable Logic Controller No. 33200 2152.99 5 0000255 2020 and No. Reg. ELM 716 00003 2020