Angga Wahyu Prasetia, S.T.

+62 821 3228 2818

angga.furasesa@gmail.com

fb.me/angga.furasesa

furasesa.github.io

Perum Mondoteko,

Jl. Puri Utara II No.3-5

Kec. Rembang

Kab Rembang

59251

Angga Wahyu Prasetia
S.T.

Scan the QR code above

Education

Sepuluh Nopember Institute of Technology (2012-2014)
Bachelor's Degree of Marine Engineering
GPA : **3.43** / 4.00

Diponegoro University (2008-2011)
Associate of Naval Architecture
GPA : **3.01** / 4.00

Experience

Kinetik Hydrotec (2015-2022)
Engineering Consultant
- Procedural Design Solidworks, 2D CAD.
- Heavy and Light Current.
- Hydraulic & Pneumatic Engineer.
- Control and Instrumentation.
- C/C++ and Python, PLC Ladder.
- Linux Server and Workspace.
- Tax Management.
- Purchasing.

Skills

- 3D CAD (Modeling) : Solidworks, SW-Sheet Metal, Fusion/Inventor, On-Shape, FreeCAD, Blender
- FEA : SW-Static Analysis
- Hydraulic & Pneumatic Engineer : Designer, System Engineer, Fitter
- 2D CAD/CAM : NanoCAD, Autodesk Autocad
- Linux OS : Debian, Fedora.
- SBC : Rasberry Pi, Khadas, Odroid
- MCU : Espressif, Arduino, ST.
- Programming : C, Python, Godot Script, Ladder (PLC).
- Database : SQL, No-SQL
- English (Pasif)

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Projects

◉ Hydraulic / Pneumatic System

★ Loading/Unloading system of oil & gas land transport for LPG transport tank, AKR/Pertamina gasoline transport tank.
Key Exp : Pneumatic System, BIM Modelling, FEM Static Analysis, Technical Support, Troubleshooter.
Client : PT. Muntjul Diamond, PT. Metal Hitech Engineering

★ Loading/Unloading system of Wing Box Logistic Truck, Heavy Lifting, Portable Winding.
Key Exp : Hydraulic System, Pneumatic System, Technical Support, Troubleshooter.
Client : PT. Muntjul Diamond, CV. Wijaya Baru

★ Heavy Lifting Storage Tank.
Key Exp : BIM Modelling, FEM Analysis, Hydraulic System, Heavy Current, Technical Support, Troubleshooter.
Client : PT. Laban Raya

★ Train's door lock/unlock, Panzer's Wheel Ejector.
Key Exp : BIM Modelling, Cost Optimizations, Pneumatic System, Heavy Current, Control & Instrumentation.

★ Safety Railing System.
Key Exp : BIM Design, Pneumatic Systems.
Client : PT. Muntjul Diamond

★ Manual Winding System, Winch System.
Key Exp : BIM Modelling, Hydraulic System, Fitter, Heavy Current, VFD.

🖥 Computer Science

🤖 Industrial Machinery : Hydraulic Baling Press, Bending Machine, Cutting Machine, Form Automations.
Key Exp : PLC Programming, Heavy Current, VFD, Industrial Instrumentation, Troubleshooter, Technical Support.

🤖 Robotic Microcontroller Unit (MCU) : Robot Meja Automatis (Codename: RoMeO).
Key Exp : EDA Designer, Instrumentation & Control, C/C++ Programming, Light Current.
Result : Silver Medal – Karangturi International Science and Enterpreneurship fair 2023 (KISEF).

🤖 Robotic Single Board Computer (SBC) : AUTOMATIC ROBOT ASSISTANT: SOLUSI DISTRIBUSI OTOMATIS BERBASIS IOT BAGI PASIEN RAWAT INAP (Codename : AuRA).
Key Exp : EDA Designer, Instrumentation & Control, C/C++, Python Programming, Machine Learning, V/A Intercom, Embedded Operating System, Light Current, Logic Analysis,Troubleshooter, Technical Support.
Result : Win 1st award Krenova Bapedda Pati.c

DASSAULT SYSTEMES

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CLASS COMPLETION CERTIFICATE

Dassault Systèmes confers upon

ANGGA WAHYU PRASETIA

the certificate for

Sheet Metal

taught by SOLIDWORKS Authorized Reseller

PT Arisma Data Setia

on   July 26 2023

DASSAULT SYSTEMES

SOLIDWORKS

CLASS COMPLETION

Ian BAXTER
VP, Worldwide Technical Services