

## Personal Particular

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**8th years experience as Technician.** I have built up extensive experience that ensures the work i do is safe, to exacting standards and completed in time. **Preventive, corrective, troubleshooting, shutdown major and minor maintenance activities**, on various types of **instrumentation and control systems**, which are used for managing process plant, advanced process control, static & rotating equipment and custody transfer measurement in the plant. I am a positive person who will always seeking to learn and develop.

## Experience

### Lead Instrumentation and Control Systems Maintenance (2016/10 - Present)

#### PT. INOAC POLYTECHNO INDONESIA, West Karawang - Chemical Manufacturing Company

- Programming & Controlling system, sequence and safety for chemical and manufacturing machine ie; Automatic material transfer process flow, Pouring system, Press machine, Cutting and Slicing machine, Jig assembly and other machines for manufacturing.
- Able to Design HMI and Drafting on 2D such as machines control, P&ID diagram, electrical diagram and to work based on it.
- Supervisory the process using Siemens WinCC, also TwinCat.
- Inspection & Calibrating instrument module such as level sensor by Endress+Hauser, flowmeter by Oval, Sensing module by Omron/ Keyence, Bar/QR code scanner by Omron, Loadcell by Mettler Toledo, Inspection camera by Keyence, Actuator (pneumatic, electric, hydraulic) by Kitz/ Hyduc.
- Perform corrective, predictive maintenance and troubleshooting for instrumentation and control systems, also report it.
- Preventive maintenance for IAI 3 axis hand robot, supervise ABB and Yaskawa robot 6 axis service routine.
- Responsible for chiller control using Schneider smart relays.
- Implementing job safety analysis and procedure permit to work in the line.
- (Programming logic based on CX One, GX Developer/ GX Works, KV Studio, WinLDR , RS Logix 500, Simatic Step7)
- (Designing HMI based on GP Pro, GT Designer, CX/NB Designer, VT Studio.)

### Automation Engineer (2016/02 - 2016/10)

#### PT. KAIZEN AUTOMATION INDONESIA, Central Cikarang - System Integrator Company

- Scheduling the project with customer.
- Coordination and supervision project.
- Programming machine based on GX Developer/ GX Works.
- Designing HMI based on GT Designer.
- Drafting 2D electrical diagram based on AutoCad.
- Set & calibrate instrument module based on Keyence, Omron.
- Commissioning with customer.
- In charge of customer job request (Troubleshooting or additional order).

### Electrical Maintenance (2015/03 - 2016/02)

#### PT. NAIGAI SHIRTS INDONESIA, East Karawang – Garment Manufacturing Company

- Controll and maintain electrical and utility system ie; network connections, UPS, PABX.
- Scheduling preventive maintenance & calibrating tools.
- Supervise utility service system ie; compressor, hydrant, transformer, distribution, and cubicle.
- Factory and Asset management, also Improvement

## Projects

- **Astra Daihatsu Motor, Sunter Plant, 2016**  
(D37N, LRO Measurement check machine)
- **Astra Daihatsu Motor, Sunter Plant, 2016**  
(D37N, Press Bearing & Hub Assy Machine)
- **Astra Daihatsu Motor, Sunter Plant, 2016**  
(D37N), Main Line Pokayoke
- **Astra Daihatsu Motor, Sunter Plant, 2016**  
(D37N), Press Spring
- **Astra Daihatsu Motor, Sunter Plant, 2016**  
(D37N), Pump Room for Main Line
- **Astra Daihatsu Motor, Sunter Plant, 2016**  
(D37N, Pokayoke Caliper Sub Assy Table)
- **Astra Daihatsu Motor, KAP, 2016**  
(D30D, Side Member LH & RH)
- **Inoac Polytechno Indonesia, 2017** (TDI Tanks 50 Tons, and material transfer process control system)
- **Inoac Polytechno Indonesia, 2017**  
(Automation system for Vacuum Crush HR 7)
- **Inoac Polytechno Indonesia, 2018**  
(Integrated machine for Head Lining line)
- **Inoac Polytechno Indonesia, 2019**  
(Compressor monitoring system, and Integrated compressor with HMI using PLC for controlling)
- **Inoac Polytechno Indonesia, 2020**  
(Restore instrumentation & electrical component and make automation system for Blow Moulding Machine)
- **Inoac Polytechno Indonesia, 2021**  
(Andon system for Head Lining line)
- **Inoac Polytechno Indonesia, 2022**  
(Restoration and improvement for Injection Machine 30 T)
- **Inoac Polytechno Indonesia, 2023**  
(Restoration panel for Vacuum Crush with all instrumentation and controls system)
- **Inoac Polytechno Indonesia, 2023**  
(Repair hand robot for clamping on Blow Moulding machine also make the automation system)

## Education

**UNIVERSITAS TERBUKA, JAKARTA**  
Bachelor of Arts,  
English Literature, 2011 - 2015

## Certifications

Apr 2014	Electrical Installer held by <b>Pengembangan dan Pelatihan Tenaga Kerja</b>
Sep 2014	Central AC held by <b>Pengembangan dan Pelatihan Tenaga Kerja</b>
Oct 2014	Electrical Installation held by <b>Badan Nasional Sertifikasi Profesi</b>
Jan 2018	In Machine Work held by <b>Toyota Motor Mfg. Ind.</b>
Apr 2018	Tank & Silo Weighing held by <b>Mettler Toledo</b>
Oct 2018	Lockout Tagout held by <b>Master Lock</b>
Oct 2019	Web Programming held by <b>Yellowweb</b>
Oct 2022	Siemens basic STEP7 held by <b>Viktori Profindo Industri</b>