



INFO

Professional Licenses:
Registered Master Electrician
PRC License No. 0065348

Registered Professional Teacher
PRC License No. 1379015

Nationality:
Filipino

Date of Birth:
February 01, 1992

Age:
31

Marital Status:
Single

Permanent Address:
165 Bilog-bilog, Tanauan City,
Batangas, Philippines

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DIALECT

ENGLISH: Fluent

FILIPINO: Native

ADRIAN N. ASPERGA

AUTOMATION & INSTRUMENTATION ENGINEER

PROFILE



My career has led me to specialize in robotics and industrial automation. I program industrial machines for many years and making electronic projects as my past time. I also took education course to be able to teach in colleges. I've been in a team that was awarded as best in cost reduction. I'm also part of our KAIZEN and BEST instructor in college. Since childhood, I really love dealing with electronics and machines and still it's my passion and my work to live.

PROFESSIONAL CAREER



Control Systems Design Engineer II

March 2019 – May 2021

Mitsubishi Electric Company Automation Philippines (MELAP) / IFA
128 LopezRizal St. Brgy. Highway Hills, Mandaluyong City

Job description:

- Utilize Inspect machine(s) on site as requested by the client.
- Provide proposal/system architecture for the client.
- Generate bill of materials (BOM) based on gathered information.
- Draw the electrical diagram on AutoCAD based on gathered information.
- Assist the Electrical team on the implementation of the project.
- Assist the PLC team on the implementation of the project.
- Monitor the project after the turnover.
- Utilize Mitsubishi PLC, VFD, servo, contactor, and electrical parts in planning.

Senior High School Instructor (T - III)

June 2016 – June 2018

Pantay National High School Senior High (DepEd)
Pantay Matanda, Tanauan City, Batangas, Philippines

Job description:

- Teaching TVL course in Computer Systems Servicing
- Teach various subjects in-line with K-12 Curriculum
- Ensures students to be good and skilled workers after high school.
- Updating parents about their child's progress in the classroom.

SKILLS SUMMARY

- PLC & HMI (e.g Omron, Mitsubishi, Delta, Allen Bradley, Siemens, LG)
- Wonderware
- TIA Portal
- Kepware
- C, C++, C#, & SQL
- HTML & CSS
- 3D printer operator
- AutoCAD and SolidWorks
- LabVIEW
- Modbus RTU, Ethernet/IP
- VFD & Stepper Motor
- AC induction motor
- College Instructor
- Pneumatics and Hydraulics
- Calibration of instruments and process control
- Lathe machine and other measuring instruments such as Vernier caliper & filler gauge.

Automation Engineering

May 2015 – March 2016

SunPower Manufacturing Limited
FPIP, Sto. Tomas Batangas, Philippines

Job description:

- Propose machine for production using SolidWorks or AutoCAD.
- Assigned to develop, upgrade or revise machine's PLC programs.
- Document all changes in the machines program.
- Back-up and report all the changes in the machine program.
- Sustains the machine for good production and provides a good preventive maintenance for the machine.

Technical Vocational Trainer

November 2013 to April 2015

Don Bosco College Seminary
Jose Yulo Sr. Blvd., Canlubang, Calamba City Laguna, Philippines

Job description:

- Technical trainer in AutoCAD, PLC programming, Industrial Pneumatics, Basic Electricity and Electronics, and Motor Control and Protection.
- Industry coordinator of Continental Temic students.
- Facilitates trainees in their learning.

Automation Technician (Industry Immersion)

July 2013 to October 2013

Continental Temic Electronics (Phils.), Inc.
LISP 2-SEZ, Brgy. La mesa, Calamba City, Laguna, Philippines

Job description:

- Troubleshoot and repair machines via LabVIEW
- Repair and replace broken or malfunctioning components of machinery and equipment.
- Provides technical support in the set-up, maintenance, troubleshooting and repair of production equipment, jigs, fixtures, tooling, etc. needed during the production.
- Conduct electrical wiring and create PLC programs for line improvements.

EDUCATION & TRAINING



Master's Degree:

MAED Major in Educational Management
Jose Rizal University, 80 Shaw Blvd, Mandaluyong, 1552 Metro Manila

Tertiary:

BTTE Major in Electro – Mechanics
Don Bosco College, Canlubang Calamba City, Laguna, Philippines

Training:

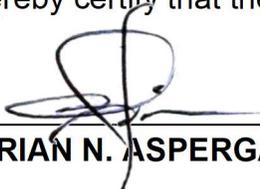
- **NTTC Level I in Mechatronics NC II**, JGZMSAT (TESDA) Biñan Laguna.
- **Trainers Methodology I**, JGZMSAT (TESDA) Biñan Laguna.
- **Instrumentation & Control NC II**, MIRDC Bicutan City.
- **Electrical Installation & Maintenance NC III**, Phil. Korea Taguig City.
- **Mechatronics Servicing NC III**, JGZMSAT (TESDA) Biñan Laguna.

PROJECTS INVOLVED



Company	Project Name
• Alpha Mart	- Mezzanine
• Amelco Desicant	- bag packaging machine
• ATC	- Kanzaki Shaving
• BIG-E	- SIG Machine
• CROWN ASIA	- avalong, battenfeld cincinnatti, nba 5, plasma
• EHS Glass	- EHS Lens PLC Upgrade
• Golden ABC	- Sorting Loop Conveyor
• IBIDEN	- DCP 1, FAC D1F, QET7, DSF7, UTY IOT
• Iwakami	- Air Press Machine
• Kedica Conversion	- Network Conversion
• Monde	- Sachet Feeder, Tokiwa, Mondelez
• MY SAN	- HMI and cable conversion
• New Foods	- Servo Housing
• Nidec Philippines	- Nidec Power Meter
• Ohtsuka	- Press machine renewal (KOYO-PLC)
• Optimum Ref	- plc conversion optimum cold storage
• ROHM	- Sand Filter Process Waste Water, PLC Training Kit
• Saccamoto	- Construction of 430 cu m3 Refined Glycerin Tank (T93)
• Samsung	- Laminating Machine 2
• SHOWA	- Press Machine
• SPI	- Chubby Auto Pouch Transfer Assy Side A&B
• STELLAR	- Panel Design
• Sunpower Philippines	- Etchback Machine Improvement, Etchback Process Maintenance
• TAIYO	- Cable Tray Installation
• TOSOH	- Train 3 & 4
• TOYOFLES	- BMS Proposal
• Toyota	- Paint Line 1 to 7
• TWIN OAKS	- FW7700
• Unilever	- Hassia 5, 7, & 8 Machine
• URC Calamba	- maxx batch system, maxx cooker, maxx unplast tasc, sweet cooler, platos fryer, prl potato ring line, extruder schaaf, platos sheeter
• URC Cavite	- HMB 2 & 4
• Yokohama	- Estelastic 1, 2, & 3
• Zenith	- Spiral Conveyor Control System

I hereby certify that the information given are true and correct to the best of my knowledge.


ADRIAN N. ASPERGA