

OBJECTIVE:

Seeking assignments in PLC Programming and Machine Installation & Testing with a high growth oriented professional organisation.

PROFESSIONAL SUMMARY:

A dynamic professional with around 2 year & 6 months of experience in PLC Programming Worked with LOGND TECHNOLOGIES ,OWL TECH PVT LDT CHENNAI, IN PLC Programming Professional experience in PLC programming, SCADA, and HMI/IOP Demonstrated abilities in building long lasting professional relationships through strong people skills with internal & external customer Excellent interpersonal & communication skills with strengths in networking.

ACADEMIA:

- B.E** : in MECHATRONICS ENGINEERING from ANNA UNIVERSITY in 2016
- 12th** : (passed)from TAMILNADU STATE BOARD in 2012
- 10th** : (passed) from TAMILNADU STATE BOARD in 2010

ADDITIONAL PROFESSIONAL QUALIFICATIONS:

CERTIFICATE COURSE ON INDUSTRIAL AUTOMATION FROM AXIS GLOBAL INSTITUTE OF INDUSTRIAL TRAINING HARDWARE CONFIGURATION, COMMUNICATION & LADDER PROGRAMMING OF LEADING PLCS

1. ALLEN-BRADLEY (SLC 5/03, MICROLOGIX 1200)
2. SIEMENS (S7-300 CPUS)
3. MODICON (TSX MICRO)
4. ABB (B2)

PROGRAMMING SOFTWARES :

- WONDERWARE : INTOUCH
CONFIGURAION OF AC DRIVES (VFD)
1. AB (MICROLOGIX 14000, 12000) RSLOGIX 500
 2. DELTA (SV-SERIES)
 3. FATEK PLC WINPROLADDER
 4. CRUZET
 5. FUJI
 6. PANASONIC SERVO (PENETROM) MOTOR PROGRAMMING
 7. KINATICS 3 ULTRAWARE SERVO MOTOR PROGRAMMING

COMMUNICATION & PROGRAMMING OF HMI :

- ALLEN-BRADLEY PANEL VIEW (2711C-T6M C600)
RENU ELECTRONICS (PRIZM285, PRIZM140)
VSFHT-5 MONITUCH

CAREER CONTOUR :

Automation Engineer –from (03-08-2016 to 04-10-2017) worked in LOGIND Technologies Chennai- 87,

Automation Service Engineer- (06-02-2018 to 02.012.2019) Frshly (Owl tech pvt ltd) Noida and Grugaon location.

Currently working – (06-02- 2019 TO present) SP AUTOMATION AND PACKAGING MACHINE Coimbatore 64

WORKING WITH :

1. Automatic salt packing system 1kg, 5kg , 10kg delta DVP-ES2/EX2 Series .
2. Glass layer sealing Furness Re modified work.
3. Automatic food vending machine(Allen Bradley Micrologix 1200/1400)
4. Automatic coffee machine IOT (raspberry pi 3) communicates tab and mobile.
5. Automatic Snacks machine IOT (raspberry pi 3) communicates tab and mobile.
6. Larsen & Toubro vipa plc Step5 PLC program to converting Siemens Step7 PLC program.
7. Automatic plastic loading system (FBs- series 300 PLC)
8. Done Installation, Testing, and Validation & Commissioning for various Process Plant and Fully Automatic machine.
9. HMI programming
10. Load cell interface with plc (fatek , Ab delta)
11. Load cell rs485 communication to connect plc (fatek , Ab)
12. Ac motor and servo moto interface with plc Modbus communication
13. FFS machine plc programming and installed
14. DNA gel packaging machine plc programming and hmi design
15. Automatic bagging machine programming and hmi design
16. Liquid filling machine 6 head, and 3 head ,1 head (oil , water, chemical)
17. Bottle inner capping and outer capping machine programming and panel design
18. Labelling machine for round bottle and square bottle
19. Multi head weighed machine (14 station)
20. Ethernet commination ab plc and kinatics 300 servo drive programming
21. Profibus communication and profinet
22. Pickle packing machine programming and hmi design
23. Many packing machine to be programming and panel design
24. Electrical product knowledge sensor and TP controller and encoder , etc.....
25. I know all kind of communication (rs 232,rs 485 , Modbus , Ethernet, profibus , profinet etc.....)

JOB RESPONSIBILITY :

1. Plant electrical new machine panel design
2. Co-donation with mechanical team to machine design
3. Electrical panel wiring diagram design
4. Electrical perches for the panel materials
5. Machine service co-donation

PLC :

PLC Programming

PLC Downloading

RTC Setting

PLC is working properly in run mode or not

HMI :

HMI Programming

HMI Downloading

HMI Setting

HMI is working properly or not

MACHINE TESTING :

1. Program downloaded
2. All electrical connection & instrument
3. Machine maintenance plan prepared
4. Damage sensor replaced
5. Damage pneumatic cylinder replaced
6. Control panel wiring design (electrical CAD)
7. Damage DC, AC, Motor replaced
8. Solenoid valve
9. Machine dynamic Testing
10. Machine fault analysis and error checking.

DOCUMENTATION:

Machine testing report

Machine history report

maintaining job card for each machine

DEVELOPMENT :

Developed a working program on “TEACH PENDENT ROBOT”

**COCURRICULAR ACTIVITIES
TRAINING**

- Participated Automobile Training on “Vehicle Overhauling” Prigma Eduthech Services.
- Participated In-Plant Training on “Bio Medical Instrumentation” Advanced Nuclear Medicine Research Institute
- Participated Basic Industrial Robotics Training on “Moto-Mansim eg” Axis Global Institute of Industrial Training.
- PLC diploma training for axis global institute Chennai
- 6 PLC (delta, ABB, SIEMENS, Schneider, AB, horner,) training for axis global institute of industrial training Chennai
- Scada design training for axis global
- Vfd (Siemens, ABB) interfacing for PLC training axis
- HMI (delta) interfacing for PLC
- DCS (delta) interfacing for PLC .

PERSONAL DETAILS

Date of Birth : 5th May, 1995
Father : V.Selvarasu
Mother : S.Pallaniyammal (Homemaker)
Marital Status : Married.
Nationality : Indian
Current location : grugaon (Haryana) sector 10. Or Chennai Tamilnadu
Languages Known : Tamil, English, Hindi low level.
Hobbies : Hearing Melody Songs,
Email ID : selvakumarsss2012@gmail.com
Strength : Patience, Self-Confidence, Hard working
Permanent Address: 9/354, North Street, Sengamedu, Avinnagudi post, Tittakudi (TK),
Cuddalore (DT),Tamil Nadu, India, Pin: 606111. Cell number +91-9442910185

DECLARATION

I hereby declare that the details I have furnished above are true to the best of my knowledge.

Place : india

Date :

Yours faithfully

S.Selvakumar