Amit Pawar

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Professional Summary

Basics skilled PLC Programmer with extensive training and hands-on experience in industrial automation, Specializing in Allen Bradley, Delta, Mitsubishi, and Siemens PLC systems. Proficient in SCADA software, Particularly FactoryTalk V8.2, and adeptin MATLAB and AutoCAD for technical applications. Possesses Advanced proficiency in MS Word, MS Excel, and basic Python programming. Recently completed a Comprehensive Industrial Automation training program certified by NSDC, enhancing skills in PLC programming And SCADA implementation. Demonstrated expertise through successful completion ofmajor projects, including an IOT-based Accident Detection and Alert System and an Automatic Phase Changer. Seeking a challenging role Where I can leverage my technical skills and training to contribute to innovative projects in industrial automation And IoT

Skills

- Basic PLC Programmer proficient in developing software solutions for various industries.
- Skilled in installing, programming, and maintaining hardware units, with a focus on performance monitoring and component replacement.
- Knowledgeable in SCADA software, particularly FactoryTalk V8.2.
- Familiar with MATLAB and AutoCAD for technical applications.
- Basic proficiency in MS Word, MS Excel, and basic Python programming.
- Basic knowledge of computer and internet

Education

Bachelor of Technology: Electrical Engineering
Shri Vile Parle Kelavani Mandal's Institute Of Technology Dhule, Maharashtra
University -
Dr. Babasaheb Ambedkar Technological University,Raigad, Maharashtra
CGPA : 7.80
2023

Diploma: Electrical Engineering
Netaji Polytechnic College-Dhule, Maharashtra
Board –
MSBTE
Aggregate: 80%
2020

SSC
Soonabai Pestonji Hakimji High School Bordi, Maharashtra, India
State Board (MH)
Percentage : 60%
2016

PROJECTS

1- Major project – (Bachelor of Technology)

IOT Based Accident Detection and Alert System

- The goal is to avoid accidents by monitoring any changes in vehicle speed, while the sensor detects falls.
- When an accident happens, the Arduino is the primary control unit that detects or alerts the user.
- It takes data from the collision switch, GPS, and GSM modules and displays the results.
- This will allow the rescue service to arrive on time and save lives.

2- Major project –

Automatic Phase Changer

- In three-phase applications, if low voltage is occurred in any one or two phases then to maintain normal voltage for the equipment this circuit can play an effective role. However, a proper-rating fuse needs to be used in the input lines (R, Y and B) of each phase. The circuit provides correct voltage in the same power supply lines through relays from the other phase where correct voltage is available.

Training

I have completed 6-month **Industrial Automation training** from **Sofcon India Pvt. Ltd Pune.** Under NSDC Certified Training

- **ALLEN BRADLEY PLC -** Micrologix 1000/1100-RSlogix 500 V9.0 Software And Compactlogix/Controllogix RSlogix 5000 V20.0 Software PLC Communicate RS Classic Lite Software Use
- **DELTA PLC-** DVP 10 SX 11T -WPS Soft Software Used
- **MITSUBISHI PLC**- (FX Series) GX Developer, GX work 2 Software
- **SCADA/HMI -** FactoryTalk View Studio and Siemens HMI , Mitsubishi HMI Communicate RS Classic Lite Software use server DDE/OPC
- **SIEMENS PLC -** Siematic Manager V5.5 SP4 and Siemens S7 1200 , S7-300 PLC
- **SIEMENS VFD** - Sinamics G120C TIA portal V16.0 with Siemens S7 1200 PLC and Ethernet port Profinet
- **DCS** – Siemens S7-416-2 and FBD (Functional Block Diagram) and PCS-7 with SCADA V9.0SP1
- **AutoCAD -** Autodesk AutoCAD 2017

CERTIFICATIONS

- **I have done 12 weeks of course from NPTEL Online Examination. In which have learned about the Introduction to Industry 4.0 and Industrial IOT.**

  Industry 4.0 transforms industrial processes with sensors, communication, and computing. Key drivers include Cyber Physical Systems, IoT, Cloud Computing, Machine Learning, and Data Analytics. Industrial Internet of Things integrates automation with enterprise, planning, and product lifecycle. The course modules address these transformative technologies for industry implementation

CONFERENCE PRESENTATION

- Online Participate for Presented a Research Paper IOT (Internet of Thinks) Based Accident Detection and Alert System in 8th international Conference "Shaastrarth 2023" Organized by Rungta college of Engineering and Technology, Bhilai Chhattisgarh

CURRICURALAR ACHIEVEMENTS

- Participated in Seminar presentation for Hydro Power Plant at college **SVKM IOT DHULE**

Personal details

Name -	Mr. Amit Ganesh Pawar
Date of Birth -	24th JAN 1999
Gender -	Male
Marital Status -	Single
Languages Known -	English, Marathi, Hindi
Hobbies -	Reading, Writing, Playing cricket, Listening music and songs
Nationality -	Indian
Permanent Address -	Dhule, (MH)

DECLARATION –

I hereby declare that the above information given is true to the best of my knowledge, if given an opportunity I will do my best for the concern.

PLACE:
DATE:

Amit Ganesh Pawar