**Mohammed**

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**Objective: To build a successful career as a Automation Engineer/Technologist**

**Experience:3.5years**

**ARJ group**, **UAE**

**Service Engineer** July 2016-Present

* Designed control panels using AC drives, PLCs, HMIs, like siemens synamics v20, micro master,Schneider Magelis, modicon M221,siemens s71200, logo8.
* Developped PLC logics using FBD,LADDER for various types pumping applications .
* Testing and component level modification of electrical control panels.
* Preparing I/O list and choosing types of PLCs according to control philosophy and consultant requirements.
* Designed and confugured HMIs like Magelis,logo TD and Sulzer PC441.
* Worked on configuration, installation of various kinds of VFDs(Siemens synamicsv20, micromaster, schneider Altivar61,Altivar31, ATV212,Invertek,Eaton and danfos vlt 8000).
* Worked on Communicatio protocols CAN bus, Modbus TCP.
* PID Loop tuning for process controllers (pressure).

**SUN industrial automation,INDIA**

**Site Engineer**

June 2014-May2016

1. Worked on automation projects to monitor pressure,flow,level parameters of water supplied to different reservoirs from the master treatment plant
2. Developped PLC logics using ST,FBD for actuator control,flow totalizer values,level monitoring of dams.
3. Worked on schneider premium PLCs,micro PLCs with WADE RTU to the transmission and reception of process values using GPRS communication using static and dynamic IP.
4. Used modbus serial communication for the process value monitoring through indicators within the controlpanels.
5. Worked on erection and commissioning of Siemens (FUS60) ultrasonic flow meter, Siemens sitrans pressure transmitter and E&H radar level transmitter.
6. Worked on vijeocitect scada v7.1 for the remote monitoring from the master control room and controlling where the local control station PLCs are connected through vsat satellite modem using modbus TCP protocol.
7. Worked in the calibration of pressure transmitter, different pressure flow transmitter and level transmitter.

**TRAINING:**

* Advanced training in industrial automation (ATIA) from technocrat chennai India.
* Simatic HMI and scada training from Siemens LLC Dubai.
* Drives training session from schneider electric Dubai.

**EDUCATION:**

Cochin University of science and technology

Bachelor of Electronics and Communications Engineering

**COMPUTER SKILLS:**

MS Windows, Office.

Also able to upgrade and troubleshoot PC's

**Software:**

Unity pro Xl, pl7 junior, Twidosuite, TIA portal. V14,LOGO softv8.1,Zelio soft.

Vejio citect,vejio designer, Modbus plus,Aquaprog.

**Languages:**

(Speak, read, write)

Malayalam

Hindi

English

**Nationality**: INDIAN