

**Email:** [**aarshid.388142@2freemail.com**](mailto:aarshid.388142@2freemail.com)

**AARSHID.**

Looking forward for a challenging carrier that demands the best of my professional ability in terms of technical and analytical skills, and helps me in broadening and enhancing my current skill and knowledge.

**Education :**

Bachelor of engineering (B.E) ELECTRONICS & INSTRUMENTATION, 2016 Madras Institute of Technology, Anna University (MIT), Chennai, India.

**Professional Experience :**

**INSTRUMENT ENGINEER SPIC, TUTICORIN-** since June2016

* Installation, commissioning and calibration of field instruments like pressure indicators, temperature indicators & gauges, transmitters, switches, control valves, operating valves, i/p converters, electro thermal parameters like voltage, current, resistance and temperature.
* Having knowledge of Ammonia plant and naphtha feed with its boiler drums and by-products.
* Reviewing and checking of various construction drawing viz; **Piping& Instrumentation Drawing**, **Electrical Interconnection Diagrams & its interlocks**, **Junction Box & Instrument Location Drawing**.
* Experienced in programming of DCS (**Emerson DeltaV & Yokogawa Centum**) & PLC system.
* Wiring termination from field IOS to **Marshalling cabinet** & vice versa.
* Trouble shooting & maintenance of control panels, all types of Pneumatic & electronics instruments used in Oil & gas plant.
* Configuration of controllers variables in engineering workstation making the set point, HH & LL as per the process requirement.
* Knowledge of field bus and plant bus namely profibus Dp, profinet, industrial Ethernet.
* Having Hands on experience in Yokogawa CENTUM C-300 DCS & Emerson DeltaV.
* Worked in **Southern Petrochemical Industries Corporation Company (SPIC)**. Having good knowledge of Ammonia Plant, Naphthalene feed with boiler drum and its byproducts.
  + Captive power plant (CPP) with two output ranges each of different in range of MW power.
  + Generation of power from Captive Power Plant.
  + Routine service of instrument with the respective job sheet and troubleshooting process.
  + Control valve servicing which includes dismantling, internal check, passing test, lockup check test and respective breakdown time.
  + Lube oil check and calibrate setting, switch check and level setting for other instruments like pressure, level, temperature gauge.
* Good knowledge of maintenance of temperature over boilers and naphtha feeder tank and its reuses.
* Good knowledge of **AUTOCAD** Electrical, Architectural and Mechanical.
* Understanding of Architectural drawing, Electrical drawing, Fire safety drawing and Mechanical drawing.

**Projects and theoretical works :**

* **Stress Meter** using LM3915

A device used to detect the stress of a person based on human blood supply

* **Count Down Timer** Using LCD In Microprocessor Kit

Time rolling down as the time sets up using AT89C51

* **Remote Alarm activation/deactivation** through mobile phone signal

Using Mobile phone signal remote appliance can be alarmed.

* Intensive training in **SPIC** learnt various process instruments & controllers their knowledge in operation & maintenance.
* Realization of **DISCRETE CONTROL SEQUENCE OF MODICON M340** Using LADDER LOGIC & FUNCTIONAL BLOCK DIAGRAM

**Responsibilities Undertaken :**

* Organized and Editor of INSTRUE '15 (Magazine) in Intecho’15, a national level technical symposium conducted by Instrumentation Engineers Association during Jan-2015.

**Industrial Visit :**

* Underwent In-plant training in BSNL (Bharat Sanchar Nigam Limited), Madurai.
* Visited **KELTRON INDUSTRY**, Cochin, Kerala.
* Visited NAGMAN INDUSTRY, Chennai.
* Underwent In-Plant training in **SPIC** Ltd, Tuticorin- A major petrochemical producer of Ammonia & Urea.
* Underwent In-Plant training in **EGRL** (Equatorial Geomagnetism Research Lab), Tirunelveli.

**Training and Professional certifications :**

* Undergone **PLC SCADA, DCS TRAINING** in HONEYWELL AUTOMATION INDIA LTD, and PUNE for a period of 14 days.
* Undergone In plant training at SPIC – Tuticorin & RCF –Mumbai.
* Undergone Training Program on **AUTOMATION SYSTEMS & FIELD INSTRUMENT** for 7 days in Mumbai, 2016.

**Personal Information**

DOB: 13th March 1995

Nationality: Indian

Marital Status: Single

Languages known: English, Hindi, Tamil.