

# PG

## (SENIOR CONSULTANT)

### Introduction & Background

- 13+ years of hands on experience in process industry and Functional Design and Implementation of Deltav, EPKS and Centum
- Persuasive communicator with well-developed business analytical skills; Proven track record of optimal utilization of resources leading to overall profitability; Highly ethical, trustworthy and discreet.
- Experience on Process Simulation tools: Unisim, Aspen Hysys, Mimic

### Functional Tool Expertise:

Dynsim, MiMiC, Deltav, CentumVP, Unisim, Aspen HYSYS, DeltaV Continuous Historians, PI Historian, Belsim Vali

### Experience summary

#### Honeywell Automation India Limited (Project Lead)

- Strong expertise in High fidelity Simulation Modelling, Quality checks, Understanding P&ID and PFD to Prepare modelling Strategies.

#### Yokogawa Middle East (Bahrain)

- High fidelity Simulation Modelling, Quality checks, Understanding P&ID and PFD to Prepare Modelling Strategies. Understand the Heat and Mass Balance.
- Project specific documentation (Project Execution Plan, MVT, FAT & SAT plans, Model Manuals, Instructor Manuals)

#### Emerson Export Engineering Centre, Pune (Sr. System Engineer)

- Performed Process simulation and modelling using MiMiC and native DeltaV simulate, Prepared FAT Procedure and SAT Procedure .
- Lead development of Custom module in DeltaV as per the Customer requirement.

#### LTI Limited (Senior Specialist Industrial IOT )

- Energy performance Management system for Oil & Gas and refinery process.
- Data Validation and Reconciliation of Process Plant using Belsim VALI software.
- Production accounting Using Belsim Vali Software for energy and material balance.

#### Naizak Global Engineering Services

- Energy performance Management system for Oil & Gas and refinery process.
- Data Validation and Reconciliation of Process Plant using Belsim VALI software.

### Project Experience:

- CO plant OTS upgrade: (Dynsim, DCS: Deltav)
- Shell LNG Plant OTS (UNISIM, DCS: Deltav)
- HPCL Vizag OTS (UNISIM, DCS: Deltav)
- ADCO SAS OTS (OmegaLand, DCS: CentumVP)
- Kuwait Oil Corporation (KOC) GC04Expansion & Existing Facility OTS (Native Deltav, DCS: Deltav)
- DOW- Corning OTS model Phase II (MiMiC, DCS: Deltav)
- Eastman Chemical OTS-NPG, Butanol, Propanol plant (MiMiC, DCS: Deltav)
- Operator Training Simulator (OTS) for Waste water Treatment facility (MiMiC, DCS: Deltav)
- EPMS project for Aramco Rastanura Refinery (EPMS) (Belsim VALI)
- Safco DVR projectDaily Mass Balance (VALI)