

Hardit Singh

+91-7506366369

hardit.nandhra@gmail.com

hardit.singh@siemens.com

Gurugram, India

linkedin.com/in/hardit-singh-07b0119b

About Me

I am an upbeat and self-motivating team player having experience in Oil & Gas, Power sector of various projects in an MNC with impressive people management skills. I believe in leading by example and helping each other to rise so as to achieve the common organizational goals.

Education

Year	Degree	Institute	CGPA/Percentage
2011-2015	B.Tech. Instrumentation & Control Engineering	National Institute of Technology Jalandhar	7.04/10
2011	Class XII	BSF Senior Secondary School Jalandhar	90.60%
2009	Class X	BSF Senior Secondary School Jalandhar	87.40%

Work Experience

April 2017- Current

Executive, PG SO EN SPEL MOP

Siemens Ltd, Gurugram

- ❖ Working as Control and Instrumentation Engineer in Siemens from last 3 years successfully fulfilling responsibilities of Basic and detail Engineering of Power Plants and Compressors

Project Bushehr Olefin, IRAN

Role Instrumentation and Control Engineer

Software used COMOS, Globus Teamcenter, SAP and MS Visio

Description Scope includes single shaft steam turbine driven 3 compressor trains and responsible for P&ID creation, Instrument selection, Instrument datasheets preparation, Hook ups of instruments, Junction Boxes selection based on Hazardous zone classification, Signal grouping, I/O Calculation & deciding control philosophy, S7 logic preparation, Network topology creation, Cable selection, Preparation of BOM's and ordering.

Project Apadana Methanol Plant, IRAN

Role Control Engineer

Software used COMOS, Globus Teamcenter, SAP and PCS 7

Description Scope includes single shaft steam turbine driven 2 compressor trains and responsible for control cabinets calculation based on I/O's, Dimensional drawing of control cabinet including cutouts, Arrangement drawing which includes component placement, cable ducts & rack planning, Heat dissipation calculation in cabinet, Isolators & barrier selection based on type loop, Creating BOM for control cabinet, Junction Boxes selection based on Hazardous zone classification, Signal grouping, I/O Calculation & deciding control philosophy, S7 logic preparation and Cable selection.

Project	Uzbekistan GTL
Role	Control Engineer
Software used	COMOS, Globus Teamcenter, SAP and MS Excel
Description	Scope includes gear type steam turbine driven compressor train and responsible for cause and effect drawing, Cable list preparation, Electrical consumer list preparation, tagging of instruments and cabinets, deciding number of control cabinets based on I/O's, layout of control cabinet, I/O planning and channel allocation, Heat dissipation calculation in cabinet, Isolators & barrier selection based on type loop, Creating BOM for control cabinet, Junction Boxes selection based on Hazardous zone classification, Signal grouping, I/O Calculation & deciding control philosophy, S7 logic preparation and Cable selection.

July 2015-March 2017

Executive, PG SO ES EN I&C

Siemens Ltd, Mumbai

- ❖ Joined Siemens Ltd as Graduate Trainee Engineer in July 2015 and got promoted to Executive Engineer in July 2016

Project	Azura Edo BOP, Nigeria
Role	Lead Engineer I&C
Software used	COMOS and SPPA-T3000
Description	Scope includes 3 Siemens Gas Turbines 2000E open cycle Power plant and responsible for leading balance of plant team of 5 persons. Performed Management level tasks like Project Management, Customer meeting, Team coordination, maintaining OTD of documents, using lean methods like KANBAN Board, hours tracking. And Technical tasks including I/O Calculation, module assignment, control cabinet calculation based on I/O's, Preparing Panel drawings, Power supply in cabinet, interconnection drawing, Cable routing, Cable selection based on location and preparing HMI's.

Project	Jawarzne ST, Poland
Role	Testing Engineer
Software used	SPPA-T3000
Description	Responsible for Factory Acceptance test (FAT) for control cabinets for the duration of 2 months in Furth factory (Germany) which includes tasks like I/O loop testing, simulation, Cabinet powering Cabinet wiring , checking interface with software (SPPA T3000), verify logics, equipment placements in cabinet and communicating with Customer and get approval.

Project	Egyptian BOP, Egypt
Role	Hardware Engineer
Software used	COMOS
Description	Scope includes 3 sub projects Benisuef, Burrullus & New Capital closed cycle power plant and responsible for Cabinet designing, Channel assignment, power wiring in cabinet, generating hardware proxies, Cable routing, tagging, designing server cabinet, control room layout creation, creation of all types of loops and preparing documents for testing, Erection and As-built. Prepared queries in COMOS to automate the work and performed admin task too.

August 2018
IEC Ex Unit 001
Gurugram

Certification of IEC Ex unit 001 which is certification of Personnel Competency in principles of protection in Explosive atmosphere.

February 2018
Hazardous Atmosphere and Principles of protection
Gurugram

3 days training course on understanding Hazardous Atmosphere and various principles of protection used in industry organized by Karandikar Laboratory.

February 2016
Occupational Safety
Mumbai

Certification on practical training on occupational safety at Workplace by TUV Rheinland.

April 2015
Safety ensuring system for 2 wheelers
NIT Jalandhar

Developed a Smart Helmet which ensures the Safety of two wheelers as final year Project and Project got Selected in Texas Instruments Innovation Challenge India Design Contest 2015.

June 2014-July 2014
Summer Internship, Instrumentation Department
National Fertilizers Ltd (NFL), Nangal

Study of various Industrial Measurement Instruments used for Pressure, Temperature, Level and Flow measurement and a brief introduction to Distributive Control System (DCS) used in various plants of NFL Nangal.

June 2013-July 2013
Summer Internship
IATC, SIEMENS authorized training Centre, Panchkula

Learned basics of PLC S7 300. Ladder logic programming in PLC S7 300.

March 2009
Merit
CBSE

Certificate of merit in mathematics for being in 0.1% of candidates throughout India.



Strengths

- People person
- Decision Making
- Team player
- Positive attitude
- Quick Learner
- Punctual
- Initiative/Leadership
- Good Listener



Computer Proficiency

- Microsoft Office(Excel, Word, Power point)
- Microsoft Visio
- Basics of C++
- SAP
- Teamcenter
- COMOS



Languages

- English
- Hindi
- Punjabi



Personal Interests

- Driving
- Mimicry
- Watching Movies
- Playing
- Cooking
- Dancing



Extra-Curricular

- Participation in Various Skits (Siemens Ltd)
- Blood Donor (Siemens Ltd)
- Folk-dance winning team (College)
- Participating in Quiz (School)
- Member of Discipline Committee (College)

Declaration

I, Hardit Singh, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

Hardit Singh

Gurugram, India