

SATISH KUMAR ANDE

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A result-oriented professional with excellence in implementing quality mechanisms to deliver desired output, targeting assignments in a reputed organization

PROFILE SUMMARY

- Focussed professional with **over 9+ years** of experience in Design Engineering.
- Expertise in working with independent clients and developing cost analyses of various business functions.
- Skilled in accurately forecasting corporate expenses and implementing policies to manage such expenses.
- Comprehensive knowledge in detailed engineering & 3D drawings, focused research, development, product & design
- Proven skills in maintaining the documents as per ISO/TS quality standards, creating & interpreting engineering drawings and designing & developing new products in conformance to pre-defined technical specifications
- Effective in providing technical inputs for detailing methodologies & coordinating for reducing rejection levels by making effective utilization of man, machine, method towards attaining client satisfaction; possesses excellent knowledge of Auto CAD drawings
- Expertise in ramping up projects with competent cross-functional skills and on time execution
- Excellent communication & interpersonal skills with proven skills in resolving complex issues

CORE COMPETENCIES

QUANTITY ESTIMATION

DRAWING DEVELOPMENT

DOCUMENTATION & REPORTING

NEW SYSTEMS IMPLEMENTATION

PRICING & QUOTATION

TECHNICAL SUPPORT

TESTING & COMPLIANCES

DETAILED ENGINEERING

CLIENT RELATIONSHIP

MATERIALS MANAGEMENT

ORGANISATIONAL EXPERIENCE

Al Ahlam Technical & Construction Services, Bahrain.

Feb' 2019 – Nov' 2019

Design Engineer.

Key Result Areas:

- Responsibilities included preparing preliminary 2D Drawings and cost estimates of projects that are in conceptual stage.
- Interpreting & Checking of tender documents, drawings, technical & commercial documents for estimation.
- Creating accurate CAD drawings from hand sketches, verbal instructions and site visits.
- Seamlessly integrating and working with project manager, design consultants and sub-contractors to produce and alter drawings.
- Thinking creatively and critically to support the project team in the design process, to create sketches and drawings that work.
- Creating and continually updating project drawings lists.
- Perform comparative analysis of estimates for different specifications of the work package and arrive at the optimal cost and specifications as per standard set by company.
- Indented BOM development for supplier quote and procurement.
- Preparation of contract documents.
- Preparation all onsite drawings (as built drawings)
- Coordinated with other departments like Purchase & Production.

➤ **Deccan Electricals, Pvt. Ltd.**

Oct'2017 – Dec'2018

Design Engineer.

Key Result Areas:

- Responsible for preparation of 2D drawings by using AutoCAD software.
- Maintained the dimensional tolerances according to customer requirements; prepared checklist w.r.t the drawings
- Preparation of bill of quantities from given drawing parameters.
- Create, edit and update standard details for use in projects.
- Exhaustively reviewing and checking the drawings for errors before being sent to clients and production team.
- Prepared reports and submitting to concerned authorities within prescribed time.
- Prepared all onsite drawings (as built drawings).

➤ **Quality Wire Products Co. W.L.L., Bahrain**

Mar'2014 – Apr'2017

Design Engineer

Key Result Areas:

- Assisted in estimating new product development requirements and costs; analysed & produced the technical requirements and recommending design modifications based on client requirements
- Created layouts, designs, drawings & documentation and performing relevant modifications in the same; managed the processes of research, design, testing & introducing production of entire line of products
- Steered detailed engineering study of pressure vessel data; prepared 2D drawings as per customer requirement
- Resolved design queries; prepared part list drawings for ease of fabrication process
- Prioritized scope activities to meet the project schedule requirements; planned for work preparation
- Executed drawing distribution for machining & fabrication section; supervised production & assembling of materials

Highlights:

- Successful in reducing rejection rate of the product by 92%
- Independently & successfully executed Pipe Coating Mesh, Architectural Wire Mesh Project on product development
- Successful in attaining a significant reduction on material cost by 82%
- Acquired pre-launch approval for Architectural wire Mesh products from the customer (Emmar, Bahrain), this was significant as it included a large number of activities including detailed discussions with customers on important topics like test specification, installation drawings, field trials, product release, and so on

➤ **Larsen & Toubro – Heavy Engineering, Visakhapatnam**

Oct'2009- Feb'2014

Contractor: Ascent Consultancy Services.

Design Engineer – AutoCAD, CATIA V5 R20 & Solid Works.

Key Result Areas:

- Executed detailed engineering study of ship systems for finalization of layouts for ships compartment & pressure vessels.
- Executed modeling of structural panels, foundations, hulls, equipment, piping & ducting; installed layout for compartment in view of optimized space reservation
- Participated in task forces formed for implementation of new systems and procedures; resolved design queries
- Draft working drawings, wiring diagrams, wiring connection specifications or cross-sections of underground cables, as required for instructions to installation crew
- Measure factors that affect installation and arrangement of equipment.
- Prepared 3D models like structures, foundations, hulls & equipment modeling and extracted CAD drawings
- Undertook preparation of bill of quantities from given drawing parameters and structural design drawings; detailed & prepared all onsite drawings (as built drawings)
- Maintained the dimensional tolerances according to customer requirements; prepared checklist w.r.t the drawings
- Coordinated with other departments like Machinery, Piping & Production

TECHNICAL SKILLS

AutoCAD:	2D, 3D Works, Detailing & Drafting as per Standards
CATIA V5 R20:	Sketcher, Generative Shape Design, Part Modelling, Assembly Design, Drawing Generation and Piping
Solid Works:	Sketcher, Part Modelling, Assembly Design.
Revit	
STADD Pro.	

ACADEMIC DETAILS

2010	BE (Mechanical) from S R K R Engineering College, Bhimavaram with 61.55%
2005	Intermediate (M.P.C.) from Sri Chaitanya Junior College, Bhimavaram, with 88.0%

PERSONAL DETAILS

Date of Birth:	2 nd February 1988
Languages Known:	English, Hindi & Telugu
Address:	S/o A K G Gangadhara Rao, Retd. SPM, Lankalakoderu, Palakollu Mandal, West Godavari District, Andhra Pradesh, 534250
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