**Residence Address:-**



**S.VIJAYARANGAN** N014 MADHU NIVAS GOGUL NAGER

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**CAREER OBJECTIVE:**

To secure a challenging position in a reputable organization to expand my learning, knowledge, and skills. Secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the company

Working as **"Design/Estimation Engineer"** in Structural Steel Industry.

**core competency:**

* AutoCAD Draftsman
* Structural Detailing
* Tekla / X-Steel - 3D Modelling, Detailing
* Estimation Engineer in the Structural Steel Industry.
* Qa/Qc – Visual Inspection of Welding, Painting & Dimensions.
* Site Engineer.
* Workshop Engineer.

**Carrer summary:**

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**Overall 9+ Year ‘Experience in Design Department, Fabrication, & Estimation in (Structural Steel Industry)**

**Auota Cad & TEKLA (X-Steel): -**

* Having good working knowledge on AutoCAD & Tekla (X-Steel) software.
* Initial Studying of Customer’s or mother Drawings.
* General arrangement drawings (MGA).
* Research of detail drawing for columns, beams, bracing and bracket, platform, handrails, cage ladder & stair case
* Creation of Erection & Fabrication 3D Modelling &2D Drawing Outputs using X-Steel.
* Released the Approved GA Drawings & supported drawings for fabrication& Data sheet

For procurements.

* Preparation of input key layout for General arrangements of Mechanical, Structural

Drawings as per Design Calculations.

* Checking member profiles, Levels, Orientation against client drawings raising technical.
* Creating and Editing Assembly & Single part Drawings.
* Preparation of Bill of Material, Bolt List and Part list & as built for above drawings.
* Knowledge on fabrication of structural steel components.
* Ground work of despatch unit list.
* Checking of Erection drawings & Fabrication Drawings.
* P & I Diagrams, Pipe routing diagrams, Hook-up diagrams
* Part drawing &Assembly drawing for valves, couplings &Boiler Equipments.
* Civil architectural & detail of columns, footing diagram.
* Design of Industrial Blowers, Fans
* Drafting & Designing the GA fan drawing & dust collection system.
* Drafting the GA drawing of Bag filter & detail drawing
* Verification of completeness of drawing in all respect / getting clarification from customer, regarding completeness of the drawing.
* Knowledge in steel Structure Erection with Excellent Safety.
* Updating / communicating the timing plan to the team members.
* Plan to finish the work according to assigned schedules.
* Have involvement in the field of Making product concept for Structural Assembly, Drawing, BOM Automation using Pro Engineer FXE, AAX Skeleton model, Frame works Extension.
* Have familiarity in CAD tool various field like product design, concept development & analysis using modelling and analysis packages like Pro-Engineer, Pro-Sheet metal, Pro- Surfacing, Pro-Mechanical (Analysis).

**Experience in projects: - Industrial & commercial Structural.**

* Have experience in the field of oil & gas process Equipment like Heat Exchanger used or Refinery, Steel Industries,
* Preparation of Containerized Substation(structure) Buildings like switch gear room, battery rooms, fly camp Accommodation cabin
* Preparation of supporting structure drawing
* Research of detail drawing for columns, beams, bracing and bracket, platform, handrails, cage ladder & stair case
* Off-shore structures
* Pipe Racks & Conversion Structures.
* Warehouses, Sub Station Transformer & Capacitor Bank shed & all types structural works.
* Preparation for Base Skids, LV panel Skids, Transformer Base Skids, and all type of fabricated structures.
* Preparation of Modular building structure (Containerized cabin)
* PEB – Pre-Engineer Building Structure.

**Structural Steel Quantity SURVEYOR / Estimation.**

* Collated and reviewed all RFQ/RFP inquiry documents.
* Estimation &Costing preparation for Base Skids, LV panel Skids, Transformer Base Skids, and all type of fabricated Structures.
* Estimation& Costing preparation for Containerized Substation Buildings like switch gear room, battery rooms.
* Regularly checking of the prices of various Suppliers & materials to update costing sheet through system of the company.
* To prepare the Scope of supply, Techno Commercial proposal, terms and conditions.
* To prepare replies to the technical clarification and queries raised by the client on the proposal submitted for their projects.
* To prepare material indent scheduling for purchase team.
* To prepare the production Planning schedule and follow-up with production team daily basis.
* Technical support to marketing / sales Team.
* Preparation of Shop Drawing as per client requirement.
* Preparation of Material request.

**Organizational Experience**

* Worked as an **Estimation & Design Engineer** from –20th Aug 2019 to 15 Dec 2020 in **ARABIAN INDUSTRIAL ENGINEERING CO.LLC** – **Muscat** A leading Oil field equipment supplier in Muscat
* Worked as an **Senior Draughtsman- Design (GR-II) & Engineer Design (GR-III)** from –24th April 2014 to 9th Aug 2019 in **BGR ENERGYSYSTEMS LTD- Chennai** -A leading Oil & Gas process equipments support static/rotating equipments design & manufacturer.
* . Worked as an **Draughtsman (Mechanical)** from -1st February 2011 to 14th May 2013 **in SNYDER ENERGO PRIVATE LIMITED, Chennai**,-A leading Engineering service provider for Power Plant (CPP), Independent Power plant(IPP) Sugar, Paper, Chemical and Petrochemical / automotive / energy industries.
* Worked as an Design Assistant (Mechanical) from -15th March 2008 to 30th January 2011in **ADROIT FANTECH ENGINEERS-Chennai** - An Engineering Service provider for exporter and supplier of Centrifugal Fans, Axial Flow Fans, Air Pollution control equipments and systems, dampers, etc.
* Worked as Trainee from -4th March 2007 to 5th march 2008in **BHARA HEAVY ELECTRICALS LTD, Ranipet**, Engineering service provider for Boiler Auxiliaries Systems.

* Working Knowledge with Various major clients like CCC- ABUDHABI, PUNJLLOYDABUDHABI, DRESSERRAND-GUJRATH, SMS SIEMAG- KOLKATTA, FURNACE. FABRICA-MUMBAI, PETROLEUM PRODUCT DEVELOPMENT-OMAN, DODSALABUDHABI, RELIANCE-INDIA.

**HANDS ON SOFTWARE EXPERIENCE:**

* 9+ years of job experience: **AutoCAD 2017**
* 1 years of job experience**: PRO-E**
* 3+years**Tekla Structure 13.0, 15.0 ,18.0,21.0**
* Undergone 1 year Training on Modelling (Design) Software (Pro Engineer, **CATIAV5**, **SOLID WORKS 2010, UNIGRAPHICS-**SIEMENS **& ANSYS**) in, Diagonal Cad Centre, Chennai.
* **Operating Systems : Windows XP ,7&8**
* **Course : Diploma in Computer Application**

**ACADAMICS:**

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| --- | --- | --- | --- |
| **Qualification** | **Name of the Institution** | **Year of pass out** | **Percentage** |
| **B.Tech** | SRM University Kattankulathur,Chennai | 2015 | **70%**  **FIRST CLASS** |
| **D.M. E** | Sri Sitheswarer Polytechnic College-Arcot | 2006 | **78%**  **FIRST CLASS** |
| **HSC** | Government Higher Secondary School,  Villupuram Dist,Melmalayanur. | 2004 | **51%**  **FIRST CLASS** |
| **SSLC** | Government Higher Secondary School,  Villupuram Dist,Melmalayanur. | 2002 | **53%**  **FIRST CLASS** |

# major Projects:

* **Ccc-Abudhabi, Punjlloyd Abudhabi, Dresserrand-Gujrath, Sms Siemag-Kolkatta, Furnacefabrica-Mumbai, Petroleum Product Development-Oman, Dodsalabudhabi, Reliance-India. Tata Steel Limited-Jamshedpur, Triveni Turbines / Cairn Energyindia Pvt Ltd Dresser Rand India Pvt Ltd /Petrolium Development-Oman, Snfoman /etrolium-Development,oman. Etc...**
* **Ventilation system of 3x110 Mw Dholpur project for M/s GEA Energy Systems, Chennai, costing 115 lakhs. We are also executing a total turnkey order for Bag filter for Phosphoric Acid Plant for M/s Sterlite Industries, Tuticorin.**
* **TOCO –Muscat** 53 Men Fly camp & SULTAN-48 Men Fly camp
* **Gulf Petrochemical Services & Trading L.L.C (GPS)  -** Containerized Substation Buildings like switchgear room, battery rooms.

**STRENGTH:**

* **Keen observer, Quick learner, able to grasp new ideas, concepts and methods.**
* **Good communication skills.**
* **Team building.**
* **Effective Time Managing.**
* **Willingness for Multitasking.**
* **Ability to Learn and Innovate things.**
* **Dedication and Commitment**

**Personal Details:**

Gender : Male

Date of Birth : 06-Jun-1987

Marital Status : Married

Language known : Tamil, English, Hindi &Malayalam

Passport no / Validity : T6240153/04-07-2029

**Declaration:**

**I hereby declare that all the above furnished information and particulars are true to the best of my knowledge and belief.**

Place: Chennai Thanking you

Date:

( VIJAYARANGAN.S)