

## CURRICULUM VITAE

### **CIVIL, STRUCTURAL, ROADS & UTILITIES (MEP) DRAFTSMAN**

**PRABHAKAR G**

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Mobile - +965 60011849, +91 7871529331



#### **EDUCATION**

- 10<sup>th</sup> passed
- Diploma in Mechanical Engineering

#### **SOFTWARE SKILL**

- AutoCAD Latest version 2020
- TEKLA (v18.0 19.1 & 21.0)- Modeling & detailing
- STADD model viewing
  - MS Office, Excel, PowerPoint, Adobe Acrobat editor & Internet
- Software installation and trouble shooting

#### **SUMMARY :**

I have a total year of Experience 22+ in multidisciplinary Civil & utilities (MEP) in infrastructure engineering projects.

Drafting Experience in – GAD, Bridge profiling, Survey work, Pile, Pile cap, Pier, Pier Cap, Bearing Pedestal, Precast I girder, Steel Structure, Shoring work, Underpass, Utility Layout and Profile, Utility Bridge, pumping station, water supply, sanitary sewer, storm water, telephone line, LT and HT cable layout, Box culvert, Offshore Heavy, and light objects lifting sequence, Offshore Pile and temporary sketch as per site requirement.

BOQ for Civil, Piping Electrical and telephone works.

Complete Documents maintain drawings Data control in Computer System and also in Hard Copies.

Employer: **Afcons Infrastructure Limited WLL Kuwait.**

Details of Project:  
Client - Public Authority  
for Roads & Transportation  
(PART)

Consultant – PARSON

Project location – South  
Surra, Zahara, State of  
Kuwait

Position: **Senior Draughtsman**

Period - **Sep 2016 to till Date.**

- Preparing of road marking signal layout with road crossings.
- Prepare of all diversion and traffic change drawing for MOI approval.
- Preparing As-built drawing for roads and utilities
- Preparing of various type of drawing for infrastructure projects.
- Preparing Road cross sections, detail of trench and manhole for all services.
- Preparing All foundations and setting out with coordinates.
- Preparing all type of road & bridges, profile, cross sections and detailing.
- Preparing segment and pier and pier foundation drawings for bridges.
- Preparing of Detailing for all Types of civil & structural details for all road related structure.
- Preparing of excavation drawings for civil foundations.
- Preparing of BOQ for all type of civil structural and piping.
- preparing of RC Detail of Footings, retaining wall, equipment foundations, column, plinth beams, roof beams & slabs
- preparing of pump station and equipment foundations
- Preparing of supporting details for pipes.
- preparing of Bar bending schedule for buildings
- preparing of Quantity of steel & concrete for buildings
- preparing of Road and Drains layouts
- preparing of all civil & structural steel drawings for road projects.

<p>Employer: <b>Arthur Best Consultant Engineers PVT Ltd</b></p> <p>Details of Project: Qatar steel technology – Qatar KAFD – Saudi Arabia</p> <p>Position : <b>Steel Detailer cum checker Tekla (BIM)</b></p> <p>Period – <b>Dec. 2015 to Aug. 2016</b></p>	<ul style="list-style-type: none"> <li>• Tekla modeling and checking</li> <li>• prepare all the data prior to the usage of X-Steel model detailing module (like plate schedule, type of connection, grade of materials),</li> <li>• create a 3-D model structure and revise every joint connection to suit Customer requirements</li> <li>• 3D modeling on X-Steel</li> <li>• Preparing detail fabrication drawing, Erection drawing in X-steel.</li> <li>• modify all drawings that needs modification and prepare it for release</li> <li>• Checking the fabrication / Erection drawings.</li> <li>• Preparing the customized reports for the customer detailed X-Steel models.</li> <li>• Good Hands-on Experience in 2D, 3D &amp; Isometric.</li> <li>• Able to prepare all kind of Mechanical, Structural &amp; Electrical Component.</li> <li>• Preparation of Approval Drawings in AutoCAD Software.</li> <li>• Preparation of fabrication &amp; Erection drawings in X-Steel (Tekla Structure) Software.</li> <li>• Detailing of Steel Structural of Commercial &amp; Industrial building.</li> <li>• Preparing Fabrication drawing for process equipment, Pipe rack, Ladders &amp; Staircase, Platform.</li> <li>• Preparation of detail drawings for Structural Fabrication Platforms, Vertical ladders, Intermediate Platforms.</li> <li>• Piping Support drawings.</li> <li>• prepare Bill of Materials, Material takes of lists</li> </ul>
<p>Employer: <b>HXsteel International Engineering W.L.L. – Qatar</b></p> <p>Details of Project: Sinohydro Lusail - Qatar Underground Metrorail – Qatar CRCC – Qatar HLG – Qatar</p> <p>Position : <b>AutoCAD Designer cum QS / Workshop engineer.</b></p> <p>Period - <b>Sep. 2015 to Dec. 2015</b></p>	<ul style="list-style-type: none"> <li>• Fabrication drawings issuing for fabrication</li> <li>• Fabrication inspection member cutting measurements before welding</li> <li>• Fit-up the steel fabrication inspection</li> <li>• Checking the fabrication inspection after welding finish</li> <li>• Quality and size checking as per the fabrication drawings</li> <li>• Arranging the work as per the schedule of requirement</li> <li>• Before delivering the fabrication material completely check visually</li> <li>• Material request will give as per the fabrication requirement</li> <li>• Site erection also will take care as per requirement</li> <li>• Checking / preparing of Building GA drawings and Cross-sectional details for all Plant and Non-Plant buildings.</li> <li>• Checking / preparing of Detailed R.C.C. Structural Drawings, Architectural drawings, plans, sections, elevations, sectional details (wall sections) for villas.</li> <li>• Checking / preparing of Civil, Structural, plumbing Layouts and Isometrics</li> <li>• Checking / preparing of wall, floor and roof tiles.</li> <li>• Checking / preparing of All foundation detailing for buildings.</li> <li>• Checking / preparing of Drainage &amp; water supply Layouts.</li> </ul>

	<ul style="list-style-type: none"> <li>• Checking / preparing of Bar Bending Schedules.</li> <li>• Checking / preparing of Quantity of steel &amp; concrete for buildings.</li> <li>• Checking / preparing of Road and Drains layouts.</li> <li>• Checking / preparing of septic tank, soak pit, manholes for civil, plumbing and electrical.</li> <li>• Checking / preparing of BOQ for Civil, Electrical and Plumbing Works.</li> <li>• Checking / preparing of As-built for Civil, Electrical and Plumbing</li> <li>• Checking / preparing of Isometric plumbing drawings.</li> <li>• Checking / preparing of pipe routing and cable routing drawings</li> <li>• Checking / preparing of reinforced civil detail drawings</li> </ul>
<p>Employer: <b>AL GHARBIA Group of companies – Oman</b></p> <p>Details of Project:</p> <ul style="list-style-type: none"> <li>• Ministry of housing 100 Villas Sultanate of OMAN</li> <li>• Mirbat police station, complex and officer's buildings and guest house Sultanate of OMAN</li> <li>• TAQA police station, complex and officer's buildings and guest house Sultanate of OMAN</li> <li>• Hasik police station, complex and officer's buildings and guest house Sultanate of OMAN</li> </ul> <p>Position : <b>Civil, Structural, Architectural and MEP Draughtsman.</b></p> <p>Period – <b>Jan. 2014 to Sep. 2015</b></p>	<ul style="list-style-type: none"> <li>• Checking / preparing of Plant General Layout based on data collected from different disciplines (Civil, Electrical and plumbing).</li> <li>• Checking / preparing of Building GA drawings and Cross-sectional details for all Plant and Non Plant buildings.</li> <li>• Checking / preparing of Detailed R.C.C. Structural Drawings, Architectural drawings, plans, sections, elevations, sectional details (wall sections) for villas.</li> <li>• Checking / preparing of Civil, Structural, plumbing Layouts and Isometrics</li> <li>• Checking / preparing of wall, floor and roof tiles.</li> <li>• Checking / preparing of all foundation detailing for buildings.</li> <li>• Checking / preparing of Drainage &amp; water supply Layouts.</li> <li>• Checking / preparing of Bar Bending Schedules.</li> <li>• Checking / preparing of Quantity of steel &amp; concrete for buildings.</li> <li>• Checking / preparing of Road and Drains layouts.</li> <li>• Checking / preparing of septic tank, soak pit, manholes for civil, plumbing and electrical.</li> <li>• Checking / preparing of BOQ for Civil, Electrical and Plumbing Works.</li> <li>• Checking / preparing of As-built for Civil, Electrical and Plumbing</li> <li>• Checking / preparing of Isometric plumbing drawings.</li> <li>• Checking / preparing of pipe routing and cable routing drawings</li> <li>• Checking / preparing of reinforced civil detail drawings</li> <li>• Checking / preparing of SLD &amp; Cable Layout for Lighting Installations</li> <li>• Checking / preparing of drawings for lighting poles for all types</li> <li>• Checking / preparing of small power, lighting, telephone, internal, external wall lighting, dish and DB schedule.</li> </ul>

<p>Employer: <b>Tecpro systems LTD Chennai</b></p> <p>Details of Project:</p> <p>RVUN Project (330m MW Based Combined Cycle Power Project at Dholpur of RVUN 330 MW Gas Based Combined Cycle Power Project at Pillaiperumalnallur of PPN 1350 MW Natural Gas/Naptha Based Combined Cycle Power Plant at Kakinada of SPGL 2x55 MW Captive Power Plant at Dolvi, (Maharashtra) of ISPAT</p> <p>Position : <b>Engineer Design (Civil &amp; Structural Steel detailing)</b></p> <p>Period – <b>Jan. 2009 to May 2014</b></p>	<ul style="list-style-type: none"> <li>• Checking / preparing of civil &amp; structural steel for Power plant related Drawings</li> <li>• Checking of Detailing for all Types of civil &amp; structural buildings &amp; conveyors, staircase, columns, floor beams monorail &amp; pipe racks.</li> <li>• Checking / preparing of BOQ for the fabrication</li> <li>• Checking / preparing of RC Detail of Footings, retaining wall, equipment foundations, column, plinth beams, roof beams &amp; slabs</li> <li>• Checking / preparing of pump and equipment foundations</li> <li>• Checking / preparing of supporting details for pipes routed in Pipe Rack &amp; Pipe Sleepers.</li> <li>• Checking / preparing of Bar bending schedule for buildings</li> <li>• Checking / preparing of Quantity of steel &amp; concrete for buildings</li> <li>• Checking / preparing of Road and Drains layouts</li> <li>• Checking / preparing of all civil &amp; structural steel drawings</li> </ul>
<p>Employer: <b>Mantech Synergies Private Limited, Chennai</b></p> <p>Details of Project:</p> <p>1 X 500MW KORBA West TPP, Chhattisgarh (BOP) 1 X 600MW Kakatiya TPP Andhra Pradesh (BOP) Mangalore Refinery and Petrochemical Limited NMDC, Hyderabad 160MW RRVUNL, Stage-IV Ramgarh, Jaisalmer, Rajasthan</p> <p>Position : <b>Senior CADD Designer (Civil &amp; Structural Steel detailing)</b></p> <p>Period - <b>Sept 2005 to Dec 2008:</b></p>	<ul style="list-style-type: none"> <li>• Checking / preparing of civil &amp; structural steel for Power plant related Drawings</li> <li>• Checking / preparing of Detailing for all Types of civil &amp; structural buildings &amp; conveyors, staircase, columns, floor beams monorail &amp; pipe racks.</li> <li>• Checking / preparing of BOQ for the fabrication</li> <li>• Checking / preparing of Detail for RC Detail of Footings, retaining wall, equipment foundations, column, beams &amp; slabs.</li> <li>• Checking / preparing of pump and equipment foundations.</li> <li>• Checking / preparing of supporting details for pipes routed in Pipe Rack &amp; Pipe Sleepers.</li> <li>• Checking / preparing of all civil &amp; structural steel drawings.</li> <li>• To visit site, take measurement and prepare site plans.</li> <li>• Domestic pipe sizing &amp; layout includes Cold water, Hot water, and Hot water circulation.</li> <li>• Waste water pipe sizing &amp; layout includes Sanitary &amp; Vent.</li> <li>• Co-ordination with other Civil, Electrical &amp; Mechanical service drawings, as built drawing as per site condition &amp; builders work drawing</li> <li>• Complete Documents maintain drawings Data control in Computer System and also in Hard Copies.</li> </ul>
<p>Employer: <b>Al-Ghanim International General Trading &amp; Contracting Co. Kuwait.</b></p> <p>Details of project:</p> <p>EPC Contract for 300 MW ISO Gas Turbine Plant at Shuwaikh Kuwait</p> <p>Position : <b>CADD Designer (Piping &amp; Electrical)</b></p>	<ul style="list-style-type: none"> <li>• Preparation of piping schemes &amp; P&amp;I Diagrams.</li> <li>• Preparation of As-built Pipes</li> <li>• Preparation of Equipment Layouts &amp; foundations</li> <li>• Developing Isometric Piping drawings</li> <li>• Preparation of oil gas and instrument air pipe drawings and pipe supports and pipe trench details</li> <li>• Preparation of fabrication drawings for piping components.</li> <li>• Preparation of supporting details for pipes routed in Pipe Rack &amp; Pipe Sleepers.</li> </ul>

(Deputation from Mantech synergies PvtLtd.) Period – <b>Apr. 2007 to Dec. 2007</b>	<ul style="list-style-type: none"><li>• Preparation of BOQ for steel structure and pipes</li><li>• Preparation of structural drawings associated with piping.</li></ul>																		
Employer: <b>K-lite Industries – Chennai</b>  Details of project: Lighting for industrial purpose, stadium, streetlight and house decoration Position : <b>Senior CADD Designer (Electrical &amp; Mechanical)</b> Period – <b>Jan. 2004–Aug. 2005</b>	<ul style="list-style-type: none"><li>• Preparation of 2D and 3D modeling for Light fittings</li><li>• Preparation of SLD &amp; Cable Layout for Lighting Installations</li><li>• Prepare the drawings for lighting poles for all types</li></ul>																		
Employer: <b>Megalith Resource Center, Chennai</b>  Details of projects: Digitization of all type of drawings from Canada  Position : <b>Senior CADD Designer</b> Period – 2001 to 2004	<ul style="list-style-type: none"><li>• Preparation of drafting in Piping, Electrical, Mechanical, Civil &amp; Structural (Digitization)</li><li>• Digitization of all type of drawings and pdf to cadd</li><li>• Checked all the drawings are related to raster</li><li>• All the drawings checked in the system before submitting the Clint</li></ul>																		
Employer: <b>Mayer Foerder Technik (I) Pvt. Ltd Chennai</b>  Details of projects: Structural & piping drawings preparing for L&T Chennai. Position : <b>CADD Engineer</b> Period - <b>1999 – 2001</b>	<ul style="list-style-type: none"><li>• Preparation Piping Structures &amp; P &amp; IDs</li><li>• Preparation of Mechanical Layouts</li><li>• Preparation of Piping Layouts</li><li>• Preparation of Conveyor structures</li><li>• Preparation of steel fabrication drawings</li><li>• Preparation of BOQ for the fabrication</li></ul>																		
PERSONAL PARTICULARS:  Gender : Male Nationality : Indian Religion : Christian	LANGUAGE SKILLS <table><tr><td></td><td>Spoken</td><td>Written</td></tr><tr><td>English</td><td>Excellent</td><td>Excellent</td></tr><tr><td>Telugu</td><td>Excellent</td><td>Excellent</td></tr><tr><td>Hindi</td><td>Fair</td><td>Fair</td></tr><tr><td>Tamil</td><td>Excellent</td><td>Fair</td></tr><tr><td>Malayalam</td><td>Fair</td><td></td></tr></table>		Spoken	Written	English	Excellent	Excellent	Telugu	Excellent	Excellent	Hindi	Fair	Fair	Tamil	Excellent	Fair	Malayalam	Fair	
	Spoken	Written																	
English	Excellent	Excellent																	
Telugu	Excellent	Excellent																	
Hindi	Fair	Fair																	
Tamil	Excellent	Fair																	
Malayalam	Fair																		
DECLARATION: I am confident of my ability to take responsibility & cooperate in a team and help the team reach the highest point of success through hard work and sincerity. I hereby declare that the information furnished above is true to best of my knowledge.  Place: Date:																			
yours sincerely,  (PRABHAKAR G)																			