

## CURRICULAM VITAE



### SRIDHAR DHAMOTHARAN

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#### Objective:

To reach the level of eminence in my career where I can hone my analytical & technical skills & serve to the organization by my experience and skills.

#### Carrier Summary:

Civil Engineer with **3+ year** of experience.

#### Employer:

- i. Worked as Site Supervisor in Murthy construction From April-2018 to Oct-2018.
- ii. **Currently working as ASSISTANT DESIGNER in ATKINS India pvt. ltd,** since Oct-2018 to till date.

#### ACADEMIC PROFILE:

Qualification	Name of the institution	Board	Percentage / Aggregate	Year of Passing
Diploma in civil engineering	Thiagarajar polytechnic college, Salem	Directorate of technical education	94.17%	April-2018
SSLC	Govt.boys higher secondary school, Jalakandapuram	State board of tamilnadu	89.9%	March-2014

#### Software skills:

- AutoCAD Civil 3D
- AutoCAD
- MS office package
- Navisworks
- Basic Revit
- BIM 360 / ProjectWise

#### Key experience:

- Surface modelling
- Longitudinal and cross section preparation.
- Gravity and Pressure pipe network
- Clash re-solution on pipe networks
- Analyzing and handling survey information
- General arrangement, site layout and detail drawing creation
- Data Shortcuts
- CAD check
- Well versed with MS Office tools

## **Experience with ATKINS (Oct-2018 to till date)**

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### **ANA\_METAL PIPE REPLACEMENT:**

Metal pipes throughout the Las Vegas Valley collection system have exhibited widespread corrosion failures. The failed materials consist of steel, ductile iron pipe (DIP), and other metals. The work will be completed by two primary methods: i. Remove-and-Replace with new PVC pipe and ii. Cured-In-Place-Pipe (CIPP) where the capacity reduction will not create a flow constraint for the drainage basin. My role involved as below,

- Involved in preparation of drawings which includes, Plan and Long sections of Existing sewer, Site Plan, Manhole and Pipe schedule using AutoCAD Civil 3D (130 sheets).
- Involved in preparation of topography details by analyzing survey information using AutoCAD Civil 3D.
- Preparing Sheet Set Manager for drawings.
- Standardizing drawings as per CAD standards and responsible for performing QA/QC of drawings.
- Coordinating with Engineers for the input and assigning work to co-workers of the team.

### **ANA\_DELAND 2018, 2019 and Hollywood WM IMPROVEMENTS:**

- I was involved as a CAD Designer and took the responsibility of preparing the drawings and maintaining quality assurance.
- Involved in to align the route for proposed water main with fittings like valve, fire hydrant, tee, end cap and etc. and Modifying the existing water mains.
- Preparing detailed drawing for water main fittings like valves, fire hydrant, tee, end cap, and bending connection etc.
- Preparing Bedding details for proposed water mains.
- Preparation of Layout plans, detail drawings, Legends and key note.

### **COLOMBO PORT CITY**

Involved in Storm water, Irrigation, Potable, Foul sewers and dry cable detail design. My role involved as below,

- I involved as a BIM Technician and took responsibility of preparing the drawings and maintaining quality assurance.
- Revise and redesign the networks model as per client requirements.
- Preparation of Plan layouts and Long-sections of pipe networks.
- Resolving clash deduction for wet and dry utilities using Navis work.
- Preparation of Legends & Keynotes, Pipe & Structure schedules.

### **EIGHT20 (Thames Water):**

Involved in various Water, Raw water and Wastewater treatment schemes such as Mogden LTAM, Clatford WTW Run to Waste, Glazier lane, Barry Road FAS, Hampden Bottom WTW RTW, Millmead WTW RTW and etc..., Responsibilities handled,

- Involved in preparation of drawings which includes Site Plan, general arrangement drawing using AutoCAD.
- Preparing Plan and Long sections of pipelines, Site layout plans using AutoCAD Civil 3D.
- Standardizing drawings as per CAD standards and responsible for performing QA/QC of drawings.
- Coordinating with Engineers for the input and implementing engineer mark-up into the drawing.

## **SCOTTISH / IRISH WATER HORIZON:**

Involved in various Wastewater treatment schemes such as Johnstone Hospital Sewage Pumping Station, Helensburgh Sewage Pumping Station, Ballinagard Road, Castle Road and etc.

Above schemes involves Pumping station, Valve chamber, KIOSK GA, Rising main and etc.

Responsibilities handled,

- Involved in preparation of drawings which includes Site Plan, general arrangement drawing using AutoCAD.
- Preparing Plan and Long sections of pipelines using AutoCAD Civil 3D.
- Standardizing drawings as per CAD standards and responsible for performing QA/QC of drawings.
- Coordinating with Engineers for the input and assigning work to co-workers of the team.

## **ASSOCIATED BRITISH PORTS\_SOUTHAMPTON CRUISE TERMINAL:**

- I was involved as a CAD Designer and took the responsibility of preparing the drawings and maintaining quality assurance.
- Involved in Civil 3D Modelling of gravity networks like Irrigation and Surface water mains.
- Involved in Civil 3D Modelling of Pressurized Potable water main.
- Preparation of Layout plans, Longitudinal section and General arrangement of wet well chamber.
- Preparation of Pipe and Draw pit schedules.

## **PERSONAL ATTRIBUTES:**

- Ability and willingness to learn new technology and deliver results in a timely manner.
- Strong commitment towards Work, Determination and Dedication.
- Wish to work hard for the company's optimum level of growth.
- Willingness to work hard in a team with enthusiasm.
- Excellent communication, analytical, and interpersonal skills
- Innovative thinker and excellent leadership qualities.
- Excellent in influencing the people.

## **PERSONAL INFORMATION:**

**Father's name** : Dhamotharan  
**Mother's name** : Santhi  
**Date of Birth** : 03.04.2000  
**Sex** : Male  
**Nationality** : Indian  
**Languages Known** : Tamil, English and Kannada  
**Permanent address** : 14-3/75, P. U. Padasalai Street, Jalakandapuram, Salem – 636501.

**DECLARATION:** I hereby declare that the above furnished statements are true to the best of my knowledge and belief.

**Date:**

**Place: Bengaluru**

**(SRIDHAR DHAMOTHARAN)**