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**MANIKANDAN ARUMUGAM Contact No: +91-9791287289**

**E-mail: manikandan3010@gmail.com**

**Skype ID: manikandan30105**

**Objective**

To be associated with the Organization that provides me an opportunity to prove my skills and improve my knowledge with latest trends and to be a part of the team that work dynamically towards the growth of the organization.

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| **Technical Skills** |

* **Drafting Software:** AutoCAD 2008 (In Curriculum), AutoCAD 2010 (certified)
* **Design Software:** STAAD Pro 2008 (Certified), STRAP 12.0 (In Curriculum)

**Instruments Handling Skills**

* Auto level
* Total station (basic)

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**Summary of Experience**

**Ten years** of Experience in the Infrastructure industries as **Assistant Construction Manager** and **Engineer (Underground Utilities, Roadwork, Water supply distribution Pipeline project, Drainage, Building)** from July 2010.

Employer : **Larsen & Toubro Limited, Construction Water & Effluent Treatment**

Site : **Zirapur, Rajgarh-Dist, Madhya Pradesh (KUNDALIYA MULTI VILLAGE RURAL WATER SUPPLY SCHEME )**

Period : March 2019 – May 2020

Designation : Assistant Construction Manager,

Execution of the following job details: : HDPE pipeline, DI pipeline, MS pipeline, Elevated storage Reservoir's, **Precasting of valve chamber Covers, House service connection pillars and slab, Pipe crossing pedals.**

Employer : **Saravana constructions,**

Site : **Sivagangai,**

Period : November 2017 – March 2019,

Designation : Engineer.

Execution of the following job details: Drainage works, Compound walls, Road crossing culverts, Fencing works, Concrete Roads, Earthworks for cable laying, Embankment of existing roads, Water supply pipeline works.

Employer : **Towell Infrastructure Projects and Co LLC**

Site : **Construction of New Liwa residential project, Liwa, (OMAN)**

Period : November 2015 – October 2017,

Designation : Project Engineer.

Execution of the following job details: **(HDPE PIPES, UPVC PIPES, CORRUGATED PIPES, DI PIPES)**

**Potable Water Network-**Excavation, Bedding, Pipe laying, Surrounding, Backfilling, Hydrostatic Pressure Test, Buried valve fixing, Valve chambers construction, valve fixing, Fire Hydrant fixing, House Service connection, Marker pole and Marker plate fixing.

**Sewerage Network**- Excavation, Bedding, Pipe laying, Surrounding, Backfilling, Air Test, Valve chambers construction, valve fixing, Manhole Construction and Erection, House Service connection and Erection of House service manholes, Marker pole and Marker plate fixing in Sewer force main line

**Irrigation Network**- Excavation, Bedding, Pipe laying, Surrounding, Backfilling, Hydrostatic Pressure Test, Buried valve fixing, Valve chambers construction, valve fixing, Fire Hydrant fixing, Marker pole and Marker plate fixing.

**Storm water Network -**Excavation, Bedding, Pipe laying, Surrounding, Backfilling, Air Test, Manhole Construction and Erection, Gully Chamber Erection and Gratings, Marker pole and Marker plate fixing.

**Fibre Optic Cable Network** – Laying of ducts with pulling rope and connect with Chambers,

Wadi Reshaping, Wadi Protection, Cut off Wall, Stone pitching, Interlocking, Road crossing duct for Electrical Network, Substation Construction, Mini Feeder pillar Erection.

**Precast yard –** Precasting of Sewer manholes – Base, vertical walls , Cover Slabs, Air valve Chambers, chambers for fiber optic cable network, gully chambers and Mini feeder pillar Precasting, Marker pole Concreting.

Submitting **RFI**’s for each and every activities and getting approvals from Consultant (AAW).

Employer : **M/s Shriram EPC Ltd,**

Site : **Kozhikode Water Supply Project (PIII-R1) JICA,**

Period : August 2012 – November 2015,

Designation : Engineer.

Execution of the following job details: (**DI Pipes, UPVC Pipes, MS Pipes, Restoration of road works**)

Road cutting (wherever required), Excavation, Dressing the trench, Pipe laying as per approved drawings and specification, Backfilling the pipe laid trenches, conducting of hydrostatic pressure test, Valve fixing, Valve chambers construction, Restoration (**Roadwork**) the Earth as it is before cutting the Trench) , After backfilling(**compaction of soil**) do the compaction test by using rapid moisture meter.

Preparation of Subcontractor bills and Client bills.

Preparation of supporting documents for client bills like hydrostatic pressure test reports and soil compaction test reports.

Employer : **M/s R.S Development &Construction Private Limited,**

Site : ERODE

Period : February 2011 – August 2012

Designation : Site Engineer.

Execution of the following job details:

Surveying, Road alignment marking, cutting and filling of soil, Open Drainage construction sides of the road using RR masonry, Internal Road crossing culverts, Grading and dosing of Plats, construction of auction Hall and canteen buildings, Roadwork execution

Employer : **M/s R.S Development & Construction Private Limited.**

Site : KUDANKULAM

Period : July 2010 – February 2011

Designation : Site Engineer.

Execution of the following job details:

Surveying, Road alignment marking, cutting and filling of soil, Drainage construction sides of the road using bricks, precast slab for Drainage, Roadwork execution

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| **Academic Qualifications** |

* **B.E Civil Engineering (2010)** at Kongu Engineering College, Perundurai and secured **73.03%**
* **12th standard (2006)** from SAMBAVIGA Hr. Sec School, Sivagangai and secured **66.67%**
* **10th standard (2004)** from KSPR. Hr. Sec School, Sivagangai and secured **82.2%**

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| **Papers Presented** |

* Presented a paper on “Application of GIS in Civil Engineering” at **National level Technical Symposium** held at **SASTRA University, Thanjavur**
* Presented a paper on “Ground Improvement Techniques using Micro piles” at National level Technical Symposium held at**MeenakshiSundararajan Engineering College, Chennai**

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| **Project Details** |

* Project Title: **Energy Conservation using Air - conditioners**

Description: An innovative method to utilize the heat generated in

Air - conditioners

Recognition: Exhibited in Open House Exhibition 2007 at KonguEngineering College

* Project Title: **Bitumen Blocks**

Description: A construction material composed of 100% recycled waste and most eco

– Friendly technology

Recognition: Exhibited in Open House Exhibition 2008 held at KonguEngineering College

* Project Title: **Design Of Reinforced Concrete Chimney For A Cement Factory**

Description: A RC chimney according to the company requirements

Recognition: Design project (In curriculum)

* Project Title: **Characterization and Impact of Municipal Solid Waste on Ground**

**Water in Erode Region**

Description: An experimental study on ground water samples to infer the effect of

Solid waste on ground water

Recognition: Main project (In curriculum)

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| **National Level Competitions** |

* Participated in Project Exhibition Contest held at **Anna University**, Chennai
* Participated in Technical Quiz conducted by **Anna University**, Chennai
* Participated in **ArchiCAD** contest held at **Indian Institute of Technology**, Madras

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| **In Plant Training** |

* Undergone training at Construction site of an Sump undertaken by TWAD Board, Sivagangai for a period of 10 days
* Undergone training at Construction site of an Stadium undertaken by Public Works Department, Sivagangai for a period of 15 days

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| **sExtra-Curricular Activity** |

* Member of NSS at kongu Engineering College
* Member of Cricket team at Kongu Engineering College and won Inter – Departmental Tournaments
* Member of District level Basketball team of Sivagangai District

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| **Hobbies** |

* Listening to music
* Playing Cricket

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| **Personal Profile** |

Father’s Name : Arumugam M

Date of Birth : 30-10-1988

Gender : Male

Marital Status : Married

Passport No : U2260911

Language Known : Tamil, English, Malayalam, Hindi, Arabic(speak)

Address : 1667/A1, Alagumeignanapuram,

Rose Nagar,

Sivaganga-630561

Tamilnadu.

Date :

Place : Manikandan Arumugam