



SUBHAM DUTTA

Targeting assignment as Senior Design Engineer/ Principal Engineer in Water Infrastructure/Chemical/Steel industry

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Profile Summary

- Certified Energy Auditor (EA-24824) from National Productivity Council Govt. of India with over 11 years of experience in Industrial & Wastewater Management including Water Supply, Water Treatment, Wastewater Treatment and Sewage Treatment activities
- Expert in project lifecycle, from feasibility studies and scope documents to design conceptualization, project management and post-commissioning activities
- Skilled in making preliminary engineering decisions, develop water resource design plans, write design specifications, prepare PFDs & P&IDs, finalization of contract, detail engineering design including piping analysis & piping construction drawings and review of vendor documents
- Managed various water resource project including project scope, planning, organizing, directing, controlling, financial management and preparing technical reports
- Familiar with preparation of basic engineering document, FEED document and technical specification
- Expertise in evaluating competitive quotations from vendors, as well as administering the contractual negotiation matters

Core Competencies

Project Management

Bid Summarizations

Piping Engineering Design (3D)

Water Resource & Hydraulic Engineering

Vendor Management

Contract Negotiations

Documentation

Procurement Management

Team Building & Leadership

Academic Details

- 2019: Pursuing Master of Water Resources & Hydraulic Engineering from Jadavpur University, Kolkata
- 2013: PGDDBA (Marketing) from Symbiosis Centre for Distance Learning, Pune with 70%
- 2008: Bachelor of Chemical Engineering from Jadavpur University, Kolkata with CGPA score 8.84

Professional Affiliations

- Associate Member of Institute of Engineers India (IEI)

Certification

- Certified Energy Auditor (EA-24824) from National Productivity Council Govt. of India

Soft Skills

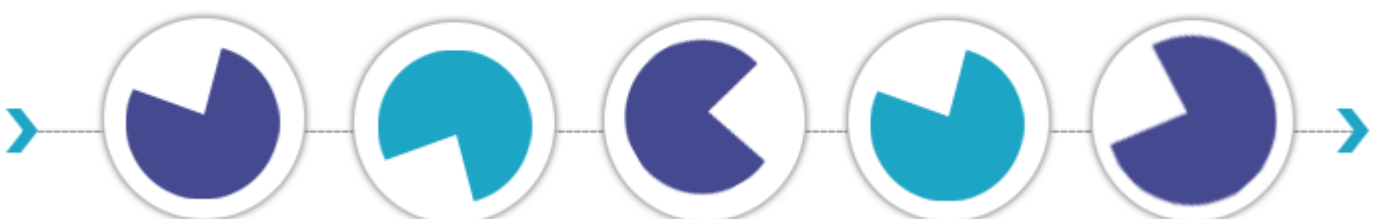
Motivator

Communicator

Change Agent

Collaborator

Analytical



Career Timeline



Organizational Experience

Since Sep'15 - Till date

M.N. Dastur & Company (P) Ltd., Kolkata, India as Principal Engineer

Key Result Areas:

- Coordinating and participating in contract negotiations with clients and subcontractors, and drafting complex professional service agreements and addenda for review by senior management
- Preparing project work plan, scope, schedule and budget, and communicating these to project team members
- Monitoring project execution for compliance with schedule, budget and quality objectives
- Managed various water resource project including water supply, water treatment, wastewater treatment and sewage treatment
- Producing and reviewing technical reports, specifications and creating bid packages and cost estimates for projects
- Performing risk and consequence analyses for water planning and management

Highlights:

- Performed cost estimation, prepared bid package, and contacted with contractors regarding project specifics
- Managed client communication and coordinated resources to deliver robust deliverables in a timely fashion
- Created overhead and underground yard piping design and drawing for various utility (liquid and gas) services

Projects Undertaken:

Project Title: Piping Engineering at Tata Steel CRM Phase-2, Kalinganagar

Period: Jan'19 – In progress

Description: Underground and overhead yard piping engineering (3D) for CRM Project, along with re-circulating water system consisting of pumps, cooling tower, filtration plant

Project Title: Naya Raipur Development Authority, Naya Raipur

Period: Oct'15 –Mar'19

Description: Project Management Consultancy Service for Development of Sewage Collection, Treatment & Reuse System and Specified Area at Naya Raipur of total capacity approx. 40 MLD. Project included design, engineering & procurement services for sewage treatment plant (STP) comprising of screens, grit removal system, sequential batch reactor (SBR), rapid gravity filter, post-chlorination system

Project Title: Rashtriya Ispat Nigam Ltd. CDY Project, Visakhapatnam Steel Plant

Period: June'16 – Apr'18

Description: Underground yard water piping design and drawing for drinking & service water requirements at Central Dispatch Yard facilities.

Previous Experience

Since Feb'14-Sep'15

L&T Constructions (Water & Effluent Treatment), Chennai, India as Assistant Engineering Manager

Project Undertaken:

Project Title: 52 MGD Mega surface water based water supply scheme for South 24 District West Bengal (Client: PHED WB)

Description: Design, engineer, preparation of piping drawings, purchase order specification of mechanical items, evaluation of technical offers from vendors for the mechanical items for the design/drawings for Water treatment plant of capacity 52 MGD (236MLD) for supplying water to Falta- Mathurapur at South 24 District, West Bengal. Project included design, engineering & procurement services for drinking water treatment plant (WTP) comprising of aerator, flash mixer, clariflocculator, rapid gravity sand filter (RGSF), chemical dosing system, pre and post-chlorination system

Since Jul'08–Feb'14

M.N. Dastur & Company (P) Ltd., Kolkata, India as Senior Engineer

Project Undertaken:

Project Title: Rashtriya Ispat Nigam Ltd., Visakhapatnam Steel Plant, Visakhapatnam, India

Description: Re-circulating Water system (including pumps, cooling towers, scale pit, settling tank, pressure filters) for installation of structural mill having capacity of 0.75 MTPA; wastewater pumping system and wastewater treatment plant having capacity of 8 MLD; tertiary treatment for STP-effluent by membrane based water treatment plant (by ultra-filtration and reverse osmosis process) for producing soft water make-up having capacity of 2 MLD; underground yard pipework of approx. 40 km length for make-up, drinking and treated wastewater network for 6.3 MTPA Expansion Project; sewage treatment plant of 250 KLD at Madharam Dolomite Mines Township.

Project Title: Steel Authority of India Ltd., Rourkela Steel Plant, Rourkela, Odisha, India

Description: Water system for New Plate Mill of capacity ICW 1500 cu m/hrs., DCW 3000 cu m/hrs., LCW 6000 cu m/hrs.; diversion of make-up water ring main of 6 km length for construction of New Plate Mill.

Project Title: Qatar Steel Company, Qatar

Description: Re-engineering for rolling mill water treatment plant of capacity DCW 1500 cu m/hrs. – Preparation of Basic Engineering Design and FEED document.

Project Title: Tata Steel Ltd., Kalinganagar Project, Odisha, India

Description: Underground yard pipework for drinking water service and effluent water transportation; raw water treatment plant of capacity approx. 100 MLD; drinking water plant of capacity approx. 3 MLD.

Personal Details

Date of Birth:18th May 1986

Languages Known: English, Hindi & Bengali

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