

**Rajat**

* B.Tech. (Mechanical Engineering)

**Personal Data**

* Date of Birth: 20 Aug 1995
* Nationality: Indian

**Hobbies**

* Playing cricket
* Travelling

**Languages known**

* English
* Hindi

**CURRICULUM VITAE**



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**Career Objective**

* Looking for a challenging career opportunity with a global leader in SWRO desalination, water and wastewater treatment sector.

**Academic Qualification**

* **B.Tech-Mechanical Eng. (2014-2018)** completed with First Class (64%) from BharatInstitute of Technology under Abdul Kalam Technical University, Uttar Pradesh, India.
* XIIth (2014) completed from Rambachan Vidya Sthali Inter College, UP Board.
* Xth (2011) completed From Jawahar Navodaya Vidhalaya, CBSE.

**Work Experience and Key Skills**

* Employer: Worked for **Sumitomo Mitsui Construction Co. (SMCC)** under the payroll of Anant Udyog, Faridabad, India
* Duration: January 2018-March 2019 (14 months)

Domain: Water/Desalination RO/Wastewater EPC/DBOM

Past Experience: Purchase and Procurement Engineer, Project Management and Site Engineer for RO EPC, STP EPC, ETP at Neemrana, Japanese Investment Park.

**Key Skills**

**Procurement and Material Purchase**

* + BOQ, Vendor Qualification & Registration, RfQ, Vendor negotiations-Commercial T&C, Contract negotiation-Payment Terms negotiations, Factory Visit, QA/QC inspection, Purchase Database, Material Engineering, Supply & Logistics Coordination.
	+ Experience on Procurement of High Pressure Pumps, Super Duplex Steel Piping, Fittings, DAF System, UF Membranes, UF Housings/Pressure Vessels, Control Systems, SWRO Membranes (DOW, Torray, and Hydranautics etc.), and dealing with fabricators, mechanical structures suppliers and Ready-mix suppliers.
	+ Super Duplex, Fitting, Valves, ERI, Cartridge Filters, ORP Meters, PLC/SCADA system, Chemicals for SWRO such as Coagulants and Flocculants etc.

**Project Management**

* Experienced on reading & understanding Engineering Drawings, Project Schedule, Planning, Cost Control, Variations, Manpower Management, Scheduling, Client Coordination, dealing with Authority and approvals.
* Acted as Project Management Consultant (PMC) for Sumitomo Mitsui Construction Co.

(SMCC) for Utility’s EPC projects

* Dealing with Subcontractors, vendors, suppliers, fabricators etc.
* Dealing with snag list items at Site to complete the job.

**Site Engineer**

* Experienced on project execution of RO Plant, Wastewater Treatment Plant, and Sewerage Treatment Plant.
* Dealing with site staff, team work, and project schedules and monitoring the progress as per work, revising the schedule.
* Training for O&M to client’s personal
* Preparing O&M Manuals
* Preparing Method statements and SOPs.
* Testing and Commissioning of Plant.
* Project Hand over to client.

**Work Experiences and Key Projects**

1. **Daikin India-10MLD STP and 5MLD Reverse Osmosis (RO) Plant**
	* **10MLD -Sewerage Treatment Plant (S.T.P.)** based on MBR and a **5MLD-RO Plant** installed at Daikin plant.
	* Worked as a **Site Engineer for Sumitiomo Mitsui Construction Co. (SMCC) (main EPC contractor)** on the payroll of Anant Udyog.
	* Additional duty as Project Management Consultant (PMC) for TAKENAKA India.
	* Complete responsibility of Project execution at site including Purchase and Procurement of Goods, mechanical items, pumps and pipes and fittings etc.
	* Guided workers according to drawing and handled quality management and time management during installation to achieve good quality under before deadline.
	* Handled Commissioning process and hand over of S.T.P to client.
2. **Daido India-2MLD RO and 3MLD ETP**
	* 3MLD-Effluent Treatment Plant (E.T.P) based on MBBR and a 2MLD RO Plant installed at Daido India.
	* Worked as a **Site Engineer for Sumitiomo Mitsui Construction Co. (SMCC) (main EPC contractor)** on the payroll of Anant Udyog.
	* Complete responsibility of Project execution at site including Purchase and Procurement of Goods, mechanical items, pumps and pipes and fittings etc.
	* Guided workers according to drawing and handled quality management and time management during installation to achieve good quality under before deadline.
	* Handled Commissioning process and hand over of E.T.P and RO Plant to client.
3. **KEIHIN INDIA-3MLD RO Plant and 700KLD STP**
	* 3MLD RO Plant and 700KLD S.T.P (MBR) Installed in Keihin India.
	* Worked as a Site Engineer for Sumitiomo Mitsui Construction Co. (SMCC) (main EPC contractor) on the payroll of Anant Udyog.
	* Complete responsibility of Project execution at site including Purchase and Procurement of Goods, mechanical items, pumps and pipes and fittings etc.
	* Guided workers according to drawing and handled quality management and time management during installation to achieve good quality under before deadline.
4. **Y-TEC INDIA-10MLD RO Plant and 500KLD STP**
	* + 10MLD RO Plant and 500KLD S.T.P (MBBR) Installed in Y-TEC India (Neemrana).
		+ Worked as a Site Engineer for Sumitiomo Mitsui Construction Co. (SMCC) (main EPC contractor) on the payroll of Anant Udyog.
		+ Guided workers according to drawing and handled quality management and time management during installation to achieve good quality under before deadline.
		+ Complete responsibility of Project execution at site including Purchase and Procurement of Goods, mechanical items, pumps and pipes and fittings etc.
		+ Handled Commissioning process and hand over of RO Plant and S.T.P to client.



**Achievements**

* Received award for the performance of best Site Engineer at project site to complete the job single handily from construction to commissioning for RO Plant at Keihin India.
* Bagged Silver Medal in National Cricket Tournament during Josh 2011 at Jawahar Navodaya Vidhalaya, Kokrajhaar, Assam.
* Selected as “Coordinator” of organizing committee of hospitality team during Annual function at Jawahar Navodaya Vidhalaya, Meerut.

**Extra Curricular Activities**



Won 1st prize in “General Knowledge Competition” in August, 2010 at Jawahar Navodaya Vidhalaya, Meerut.