

## **CURRICULUM VITAE**

**Name** : PRATAP SHANTARAM RANE  
**Position** : Lead / Senior Piping Engineer  
Reviewer, Checker  
**Qualifications** : P.G. Diploma In Piping Technology  
Diploma In Mechanical Engineering  
**Email** : [raneps@gmail.com](mailto:raneps@gmail.com)  
**Contact No.** : Mob. +91 9657711661

### **CAREER SUMMARY**

24 years of professional experience in Industrial Plant Engineering - Piping Design and Detailed engineering of LNG, Chemical plant, Process plant, Power plant (Air Quality Control Systems), water treatment, speciality chemical plant, Brewery, Alcohol, Steel reheating furnaces, Food processing and Fuel ethanol on turnkey basis.

### **DESIGN ENGINEERING**

The major design activities carried out includes Site visits for green field / revamping projects, Kick of meetings, Feed document study, Understanding the scope as per contract, Finalization of site plot plan & layout, planning for project General Arrangement drawings, planning to suit project needs, Lead the team in detail design rollout as per layouts and the planning, Reviewing and verifying all type of design deliverables to meet contract and standard requirements, Process flow diagram, Piping and instrumentation diagram, Equipment layout, Bulk Material take off (MTO), Equipment Nozzle orientation, Critical Lines study for piping, Piping study layout mainly for pipe rack, headers, critical pipe lines, headers, major equipments and scope, Piping routing using 3D software, 3D equipment Modeling, Interference checking, 2D piping layout, Piping Isometric Checking, Vendor drawings review, Pipe support sketches & Piping Standard Drawings.

**Familiar with Codes and Standards: B31.1, B31.3, ASME, ANSI, ASTM, API, DIN, IS & ISO.**

### **SOFTWARE EXPERIENCE**

**Plant Design and Management System (PDMS 12.0)**  
**Cadison and Naviswork Review and Manage,**  
**Pro-Pipe (3D Piping Software)**  
**AutoCAD 2019, Micro station (2D Drafting), Microsoft Office Tools**

**Countries Worked / Visited : India, USA, Europe, Qatar**

## **EMPLOYMENT HISTORY**

September 2010 - Till Date

### **Lead Engineer Piping Design – Neilsoft LTD.**

Company involved in providing Total Engineering services for Industrial Projects for various sector like LNG, Speciality Chemical, Water treatment, Power plant, Glass industries etc..

#### **Responsibilities**

Managing team of piping designers, organized and manage all aspects of workload of a team of piping discipline, reports and technical documentations. Ensure that the relevant design rules and procedures are complied with. Identification of applicable engineering procedures and related best practices. Interface with other disciplines, communication to vendors to ensure packages are fit for purpose with adequate design interface defined. Generation of piping bulk materials, Site visits for green field / revamping projects, Preparation Site location plan, Process flow diagram, Piping and instrumentation diagram, Equipment layout, Bulk Material take off (MTO), Equipment Nozzle orientation, Critical Lines study for piping, Piping study layout mainly for pipe rack, headers, critical pipe lines, headers, major equipments and scope. Piping routing using 3D software□s, 3D equipment Modeling, Interference checking, 2D piping layout, Piping Isometric Checking, Vendor drawings review

#### **Projects Handeled :**

Waste water treatment plant for Qatar chemical and Raslafan , Doha  
Waste water treatment plant for Qatar gas, thru SNC lavlin and Metito Doha,  
LNG storage for Sofragas,  
Zero liquid discharge plant for Protech , Doha University.  
Waste water treatment plant for Wabag  
Speciality chemical for Ravindra hearious, Rajasthan  
Lube oil Plant – lanxex Gugarat  
Thnoyl chloride plant – lanxex nagda  
Floating glass manufacturing plant for Saint gobain, Rajasthan

March 2008 to Sept. 2010

### **Senior Piping Designer – KBK Chem Engineering Pvt. Ltd.**

Company involved in undertaking turnkey projects for Distilleries, Evaporation, Cogen, CPU, Biogas.

#### **Projects Handeled :**

150 TPD, Ethyl Acetate plant, for GNFC Gugarat  
Bit root sugar plant visit to Belgium, for R&D purpose.  
HPCL Bio-fuels ltd  
Molasses base Distillary and eathonal plant for San carlos bio energy, Renuka sugar, GMR industries, Dhampur Sugar, Shamnur sugars, , Karthick Sugar, Baramati Agro,  
Grain base distillery plant for Pranav agro,Victoriya Agro etc...

September 2006 - March 2008

**Senior Piping Designer – Black and Veatch India Pvt. Ltd.**

Established in 2003 as a wholly owned subsidiary of Black & Veatch Inc. USA  
Since inception BV India has been offering Engineering, Procurement and Construction enabled services to B.V.Inc. USA for Power, Oil and Gas, Water Projects.

Have visited Ann Arbor office in US and carried out the Design Engineering for Air Quality Control System for City Water, Light & Power, Dallman Unit 4, Springfield, Illinois, USA

March 1999 - September 2006

**Senior Designer - Bricmont India Private Limited, Pune, India**

Established in 1998 as a wholly owned subsidiary of Bricmont Inc. USA  
Since inception Bricmont India has been offering Engineering, Software Development & other IT enabled services to Bricmont USA & other Inductotherm group companies.

**Responsibilities**

Preparation of following drawings for Bricmont Reheating furnaces & Galvanizing line (both in American & Metric Systems), Piping layouts, Bulk MTO, Detail piping drawings along with Bill of Material on the basis of General Arrangement drawings & Schematics. Cross checking., Isometric Piping drawings., General Arrangement drawings from conceptual sketches., Detailed structural/fabrication drawings along with Bill of Materials., Bill of Materials for Refractory drawings., Visited to USA for six months on job assignment for Study of new piping job for various furnaces, Drafting standard document & reference job collection, Special tricks for Combustion, Gas, Impulse, Cooling water, Hydraulic, Nitrogen piping

March 1993 - March 1999

**Assistant Designer - Praj Industries Ltd, Pune**

Company involved in undertaking turnkey projects for Food processing, Dairy, Pharmacy, Brewery, Distilleries & Chemical Industries.

**Responsibilities**

Detailed Engineering for Turnkey Projects of Distilleries, Breweries, Dairy, Chemical Plants, Detailed fabrication drawings for stainless steel & carbon steel equipments (e.g. Pressure Vessels, Storage tanks, Distillation Columns, Heat exchangers, Reactors, Dryers, Headers, Vent stacks, Equipment transportation skids, Insulation & claddings.), Process flow diagram from conceptual diagram, Conceptual / Final layouts and Elevation drawings, General Arrangement drawings for fabricated equipments, Detail fabrication drawings for shop and site fabricated equipments, Bill of material & Material requirements reports, Involvement in standardization of equipment engineering, Isometric Piping drawings.

Marital Status	Married + 2 Kids
Date of Birth	3 rd July 1975
Sex	Male
Languages known	English, Hindi & Marathi
Passport no.	N 2836317
Date of Expiry	08/09/2025
Communication skills & etiquettes	Special training to deal with Foreign clients
Microsoft word, Excel, Power Point,	Excelent
Current salary and benefits	15 Lacks / p.a.
Expected salary and benefits	Negoitable
Period of notice required to join	Two month notice period

**Contact Address**

Plot No. - 30, Matoshri, Survey No. 71,  
Sector - ½, Krishna Chowk Dapodi Rd,  
Krishna Nagar, New Sangavi,  
Pune - 411 027, Maharashtra, INDIA