

## CURRICULUM -VITAE

### ANIKET RANGRAO PATIL

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Permanent Address: - Rashtrabhushan Hsg. Sc. Rupeenagar, Talawade, Nigdi Pune -411062

### Career Objective:

Willing to work in a challenging position with a growing organization where I can utilize my technical skills to serve organization and enhance the same. To be associated with a reputed and professionally managed organization, where knowledge and competencies can be used in challenging and growth oriented assignments together with continuous learning, co – operation and teamwork.

### Professional Skills:

- Software Knowledge: - TriCAD MS 3D software, MicroStation V8i, AutoCAD-2D.
- Proficient in piping design engineering
  1. Finalizing equipment layout as per different piping codes & process requirements.
  2. Preparation of preliminary, final MTO of piping, piping fittings.
  3. Preparation of pipe rack loading calculations and finalizing location of pipe rack as per layout and process requirement.
  4. Knowledge of pharmaceutical equipment's reactors, vessels validation/ qualification documents preparation and execution.
  5. Knowledge of 3D software TriCAD for equipment, pipe rack and piping modeling. Extraction of piping isometrics and checking MTO of isometrics for fabrication activity.

### Educational Qualification:

DEGREE	INSTITUTE	UNIVERSITY	PASSING YEAR	AGGREGATE PERCENTAGE
Post-Graduation Diploma in Piping Design Engineering	Vishwakarma Institute Of Technology Pune	Savitribai Phule Pune University	July-Oct 2018	First Class With Distinction
B.E in Mechanical Engineering	DR. D.Y. Patil Institute Of Engineering Mgmt.& Research, Pune	Savitribai Phule Pune University	2018	First Class
HSC	Sau. Anusaya Wadhokar jr. College Pune	Maharashtra State Board	2014	First Class
SSC	Dnyandeep Vidyalaya Pune	Maharashtra State Board	2012	First Class With Distinction

## Work Experience (Company / Roles & responsibility)

1. Organization: - Triplan India Pvt. Ltd.  
Designation :- Junior Design Engineer

March 2019 to Till Date

### • Validation / Qualification of Pharmaceutical Plant Equipment's :-

1. Preparation of pharmaceutical audit documents like User requirement specifications, design qualifications as per process plant SOP's.
2. Qualification of API plant equipment's like reactor, storage vessels, filters, their installation & operational checking with respect process requirements.
3. Checking of piping on site which follows process, installation & operation of equipment's and other bought out items and preparation of documents relative to audit requirements.
4. Check material testing documents of equipment's, piping & piping components, valves specification datasheets etc.

### • Detail Engineering of chemical plant, & Utility section :-

1. Designing of utility station, chemical plant equipment layouts as per codes & standards.
2. Prepare & review design equipment layouts, drawings as per process requirements. Optimize layout with respect to plant capacity.
3. Design pipe rack and finalize locations. Prepare pipe rack loading calculation datasheets.
4. Co-ordinate activities in various departments & finalizing requirements, estimates for smooth execution.
5. Preparing preliminary and final Bill of Material (BOM) of piping & piping components, valve and piping material specification datasheets using defined material codes.
6. Creating 3D model of equipment, utility and process piping routing as per process flow and piping instrument diagram. Preparing nozzle orientation of equipment's and checking parameters related to process & piping design, G.A drawing of equipment's.
7. Preparing piping support standard datasheet and finalizing supports for piping routing, extracting support MTO for procurement.
8. Extracting piping isometrics and checking bill of material required for fabrication of piping and installation on site.

2. Organization: - EnggDesign Pvt. Ltd.  
Designation :- Trainee Design Engineer

Nov 2018 to March 2019

• **Detail Engineering of chemical, bioenergy plant:-**

1. Preparing preliminary and final bill of material related to piping & piping components, valve and piping material specification datasheets using defined material codes.
2. Designing of chemical plant, fuel ethanol plant equipment layouts as per codes & standards. Prepare & review design equipment layouts, drawings as per process requirements.
3. Co-ordinate activities in various departments & finalizing requirements, estimates for smooth execution.

**Software's and non-technical skill set:-**

- Knowledge of –
  1. TriCAD 3D, Micro Station V8i, AutoCAD-2D
  2. CATIA, Microsoft office Word and Power point.
- Excellent communication and decision making skill, Quick learner.
- Ability to effectively coordinate and problem solving skill.

**Personal Details:**

Name: Aniket Rangrao Patil

Fathers Name: Rangrao Mahadev Patil

Date of Birth: - 15/05/1997, Age: - 24 yrs.

Email Id: [patilaniket289@gmail.com](mailto:patilaniket289@gmail.com)

Permanent Address: Rashtrabhushan HSG. Sc. Rupeenagar Nigdi Pune-411062

Languages: English, Hindi, and Marathi

**Declaration :**

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Yours faithfully

**Aniket R. Patil**

Date: -

Place: - Pune