

Name	Prerana Swapnil Raskar
Nationality	Indian
DOB	29-05-1996
Contact number	+91 9767963670/+919403789186
Email address	preranaaskar27@gmail.com
Current address	Pune, INDIA

WORK EXPERIENCE

SOFTWARE SKILLS

Autocad, Catia ,Creo ,Cadworx ,Nevisworx ,Caesar II

Company name	GLADIUS TECHNOLOGIES, PUNE
Duration	OCTOBER 2018 – PRESENT
Post	Piping Design Engineer

Work Description

- 1 - Study about detail piping engineering.
- 2 - Design of brown field and green field projects.
- 3 - P&ID and layout preparation with authorized companies.
- 4 - Selection of material according to design conditions.
- 5 - Analysis of critical line conditions.
- 6 - AutoCAD and CAD Worx modelling.
- 7 - Model presentation in NEVIS WORX.
- 8 - Detail study of materials according to pressure and temperature.

Other than this I have worked with some companies

Thermax- I have worked on evaporation project from thermax .in which we did all equipment modeling and piping as per given GA in HVAC. For that we have used cadWorx plant and cadWorx equipment.

BPCL- We have done trap piping and extraction for that same.

BHARAT TANK- I have led this project. In which I have done all piping routine, support modeling, isometric extraction and project review. In this project they had given total piping layout and P&ID. We used cadWorx and nevisworx for all this activity.

XYTEL INDIA- I have led this project in which I have done modeling in autocad software. They had provided us GA drawings.

I have done certified course of caesar II software. I hold great knowledge about it.

Company name **Multiline Private Limited**
Duration January 2017 – September 2018
Post Graduate Engineer Trainee – Quality Engineer

Work Description 1 -How to check quality of printed circuit boards.
2 -Manufacturing of PCB.
3 - Ensuring zero production loss.

Education and Training

Description **BACHELOR OF ENGINEERING – MECHANICAL ENGINEERING**
Duration July 2013 – July 2017

University Savitribai Phule Pune University
Marks obtained 64.66 %

Description **HIGHER SECONDARY CERTIFICATE**
Duration June 2011 – February 2013
University Maharashtra State Board
Marks obtained 58.50 %

Description **SECONDARY SCHOOL CERTIFICATE**
Duration June 2001 – March 2011
University Maharashtra State Board
Marks obtained 74.73 %

TECHNICAL SKILLS

- Knowledge about different types of bearings, gears, lubricants and machine tool gained through working in machine tool industry for over two years.
 - Ability to read complicated drawings and understanding GDnT.
 - Studied various types of part and its manufacturing process of a CNC / VMC / HMC machine.
 - G codes and M codes practically used in machine from India's top machine tool association IMTMA (India Machine Tool Manufacturers' Association)
 - Computer Aided Machining (CAM) software studies and practically used on machines.
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ORGANISATIONAL SKILLS

- Led a team of 9 people over 2 years in piping design industries.
 - Decision making skills learnt over a period of 3 years by communicating with various customers and suppliers for working towards a common goal.
 - Time Management is the most important in a service industry and I tried my best to achieve the monthly targets and meeting the customer deadlines.
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DIGITAL SKILLS

- Microsoft office 365, Basics of MATLAB.
 - Software like CATIA, PRO-E, AutoCAD, CAD Worx, NEVIS WORX.
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ENGINEERING PROJECT

Title - Multi Layer Glue Dispensing Gantry System

- Designed a machine for dispensing of glue used for sticking of various membranes used in filtration plants.
 - Used AutoCAD and Solid works for 2D and 3D design.
 - Used ANSYS for load verification.
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