

**Name**                      **Sneha Vijaykumar Chepat**  
**Email ID**                **Snehachepat77@gmail.com**  
**Contact No**              **9372527922**

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## **EXPERIENCE SUMMARY**

Overall 2.5+ years' experience in the field of Oil, Gas and chemical Refinery as a Civil and Structural Engineer.

### **Key Competencies:**

Experience as Civil and Structural Engineer for Oil and Gas Refinery Onshore and Offshore Facility Projects.

STAAD modelling for Steel structure analysis and design.

Checking structural detailing and GA drawing.

Review of design calculation.

Preparation of Material take off.

Vendor drawing review.

Design of open foundation (Isolated and Combined).

Preparation of CTR and Scope of work.

Design of Ring wall foundation for tank.

Stringer Beam design

Joist Design Calculation.

Review and checking of shop drawings.

Familiar with the software STAAD Pro, AutoCAD, Tekla, MS Office.

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## **EDUCATION**

<b>2019</b>	<b>Bachelor of Civil Engineering B. Tech (3 Years)</b> <b>Sardar Patel College of Andheri West, Mumbai CPI</b> <b>- 8.70</b>
<b>2016</b>	<b>Diploma in Civil Engineering (3 Years)</b> <b>Government Residential Women's Polytechnic, Latur</b> <b>Percentage - 90.73%</b>
<b>2013</b>	<b>SSC (10 Years)</b> <b>Percentage – 85.07%</b>

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## **INTERNSHIP**

- 20-day's internship on site at Platinum corp. Andheri west.
  - 25 days' internship on site under the guidance of Atul Thombare and Associates Latur.
  - Worked as Cultural secretary vat Govt. Residential Women's Polytechnic, Latur.
  - Workshop on under preliminary practices in construction management.
  - 3 workshop on behavior of steel structure @ college of engineering Pune
  - Last year project on "**Difference between method of construction Conventional and Precast**".
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## **Pyramid E&C – Thane west, Mumbai (India)**

July 2019 – Till Date      Civil and Structural Engineer

**Project:** Langley turnaround maintenance project, Nigeria (Brown Field Project)

**Client:** AMNI

I am working as a structural engineer from last 2.5 years

**Responsible for:**

- Modelling the structure in STAAD Pro (**Equipment supporting structure, Pipe support, and technological structures**)
- Load calculations and analysis of structure under various loading patterns.
- Checking structural detailing and GA drawing.
- Preparation of weight control report.
- Vendor drawing review for further process.
- Modelling and load calculation of **Pipe rack** as per American codes.

**Project:** 200TPD Formaldehyde plant  
2000 BPD Modular refinery  
PGP facility  
EPCC-1 yearly project activities

**Responsible for:**

- Preparation of material take off.
- Preparation of design basis.
- Preliminary design for foundation (Horizontal vessel and Vertical vessel / Crude column).
- Preliminary STAAD model for steel structure.
- Preparation of CTR for Proposals.
- Preliminary analysis and design of pipe rack.
- Dyke wall Design.
- Ring Wall Foundation Design
- Joist Design Calculation (American Standards)

**Project:** Revel Stoke  
Daytona beach  
Wild horse  
Grandview

**Responsible for:**

- Review and checking of Shop drawings for Main frame layout, Staircase, Beam, Column and Miscellaneous Items.

**Project:** ATF Storage Tank

**Responsible for:**

- Review of design calculation.
- Review of GA and RC details

**Personal Details**

Name	Sneha Vijaykumar Chepat
Date of Birth	06 Jan 1998
Marital Status	Single
Nationality	Indian
Hobbies	Playing games, Reading books.
E mail	Snehachepat77@gmail.com
Contact	+91 9372527922

**Declaration**

I hereby declare that all the above details are correct & true to the best of my knowledge

**Sneha Chepat**