

# Naomi Hazel Pereira

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## PROFILE SUMMARY:

Enthusiastic and self-motivated Civil Engineer. Experienced in design of multiple industrial structures using appropriate codal provisions. Seeking a challenging position in the industry to work in a globally competitive environment and challenging assignments that will candidly yield the twin benefits of job & organizational satisfaction and a slender paced professional growth as well.

## WORK EXPERIENCE:

Worley India Pvt. Ltd. -Mumbai (22<sup>nd</sup> Feb 2021- Present)

### Junior Engineer

Responsibilities assigned to me:

- Design of heavy industrial RCC and Steel buildings.
- Design of Compressor Foundation (Static and Dynamic Analysis)
- Design of Underground Water Tank.
- Modelled and designed Technological structure supporting multiple exchanger and vessels for a wide range of loading conditions including wind, seismic, thermal, bundle pull load, equipment wind and seismic loading, piping loading.
- Design on equipment (Vertical and Horizontal Vessel) Foundation using STAAD Foundation Advance software.
- Prepared a report of wind and seismic analysis of equipment's.
- Prepared the stress analysis of Service platform supporting vertical exchangers.
- Carried out design of blast proof building for a control room in an industrial unit.
- Modelled and designed complete Pipe racks, including base plate and pile foundation.
- Preparation of MTO (Steel and RCC).
- Steel detailing and checking.
- Prepared foundation design including Isolated, Combined, Mat foundation using RCDC and Staad Foundation Advance.
- Wrote custom structural analysis spreadsheets.
- Received training on Pipe rack design, Machine foundation design, Process & Technological structures, Trenches and Grade slab, General pipeline- piping basics, pipe supports and piping techniques, Connection Design.

## INTERNSHIP:

S. N Construction (Essen Group) (26<sup>th</sup> June 2019 – 12<sup>th</sup> July 2019)

Following is a brief list of responsibilities assigned to me:

- Checking of structural plans.
- Checking Bar Bending schedule.
- Preparing tender.
- Preparation of staircase plan on AutoCAD.
- Site Supervisor, checking of reinforcements on site, plastering, waterproofing.
- Determining levels on site.
- Estimation and costing of materials.
- Preparation of BOQ.

## KEY SKILLS:

Software's known:

- STAAD. Pro connect
- RCDC
- STAAD Foundation Advance
- RCDC FE
- AutoCAD
- Naviswork Freedom
- QGIS
- MS Office (Word, Excel, Power Point)
- MATLAB
- Sketch up
- Foundation 3D
- Mat 3D
- Primavera

## EDUCATIONAL QUALIFICATIONS:

### **B.E (Civil):**

College: Goa College of Engineering, Farmagudi, Ponda, Goa.

EXAMINATION	BOARD/UNIVERSITY	YEAR OF PASSING	PERCENTAGE
<b>Final year</b>	Goa University	2019-2020	88.5%
<b>Third year</b>	Goa University	2018-2019	71.2%
<b>Second year</b>	Goa University	2017-2018	77.3%
<b>First year</b>	Goa University	2016-2017	75.0%

### **PRE-ENGINEERING:**

EXAMINATION	BOARD/UNIVERSITY	YEAR OF PASSING	PERCENTAGE
<b>HSSC</b>	Goa Board: M.E.S Higher Secondary	2016	77.5%
<b>SSC</b>	Goa Board: St. Theresa High School	2014	83.5%

## PROJECTS UNDERTAKEN:

Topic: Urban flooding in Panjim City.

Description: The objective of the project is location and identification of flooding, establishing the technical reasons for flooding, evaluating the existing drainage system and its causes for drainage congestion, quantification of flooded water and suggesting remedies for the problems.

## WORKSHOPS/ COURSES:

- Quantum Geographic Information System (QGIS)
- Second Dr. Victor de Mello Goa Lecture and Symposium on Women in Geotechnics.
- New and innovative technologies in Civil Engineering.
- Nation building with rehabilitation of Bridges.
- Construction engineering of Cantilever Bridges.
- Compaction & Consolidation- Theory and Practical Application
- Dynamic analysis with STAAD.Pro.

## ACHIEVEMENTS:

- Best outgoing student of Civil Engineering Department (Academic Batch 2016-2020)
- Vedanta Sesa Goa Girls Scholarship

## INTERESTS AND HOBBIES:

- Music, singing and dancing.
- Comparing, Public speaking.
- Badminton (Sports)

## COMPETENCE SKILLS:

- Good interpersonal skills
- Self-motivator with a positive attitude and adaptable to diverse environments.
- Creative, problem solving and good leadership skills

## LANGUAGES KNOWN:

- English
- Hindi
- Konkani
- Portuguese

## PERSONAL PROFILE:

Name	Sex	Date of Birth
Naomi Pereira	Female	10/11/1998

**Declaration:** I hereby declare that the above mentioned information is true and correct to the best of my knowledge.

**Place:** Vasco-da-Gama, Goa