

LALCHAND M. PRAJAPAT

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SUMMARY

I am passionate about working in a professional environment with a dynamic and positive attitude. My main focus is to provide qualitative work that would allow me to utilize my intellectual ability for the betterment of myself & my organization. I am interested in Highrise building design, aiming to serve the society with good infrastructure.

EXPERIENCE

Biren Kansara Pvt. Ltd., Navsari.

Site Supervision Intern (01 Month, July 2021 to August 2021).

In this Internship, I understand the construction of the commercial building (Marriage Hall) from the Excavation Level to the First Floor Level, which has the main attraction of a long-span Beam with higher depth.

Ghodela Consulting and Surveyor Pvt. Ltd., Navsari.

Draftsman/Office-work Intern (06 Months, January-2022 to June-2022).

In this Internship, I understand the drawings and detailing of the structural components of the buildings and got the hands-on experience to draw those layouts.

Hiren G. Desai Consulting Structural Engineers (SAI Consultants), Surat.

Structural Engineer Intern (02 Months, May-2023 to July-2023).

In this Internship, I understand the analysis and Design of the low rise R.C.C. buildings and Structural drawings related site checking.

Teaching Associate: Faculty of Technology, CEPT University (January-2024 to May-2024)

I worked as a teaching associate for studio of Reinforced Concrete Structure Design in Masters of Structural Engineering Design at faculty of technology, CEPT University.

EDEN Design Consultant, Ahmedabad.

Structural Engineer (From 15-May-2024)

I working as a design engineer on various projects like R.C.C. & Steel Residential, Commercial, Industrial & WTP structures.

EDUCATION

Masters in Structural Engineering (2022- 2024)

CEPT University, Ahmedabad, Gujarat | G. P. A. – 3.75 / 5.00

Bachelor of Civil Engineering (2018-2022)

Gujarat Technological University, Bardoli, Gujarat | C. G. P. A. – 8.79 / 10.00

Gujarat Higher Secondary Education Board – 12th (2018)

R. D. Patel High School, Navsari, Gujarat | Percentage – 56%

Gujarat Higher Secondary Education Board – 10th (2016)

R. D. Patel High School, Navsari, Gujarat | Percentage – 56%

SOFTWARE SKILLS

STAAD.Pro (Professionally) | **ETABS** (Professionally) | **SAFE** (Professionally) | **RCDC** (Professionally) | **AutoCAD 2D, 3D** (Professionally) | **Rhino with Grasshopper & Karamba3D** (Intermediate) | **SketchUp with V-Ray** (Intermediate) | **MS Office** (Professionally)

AREA OF INTEREST

- Design of R.C.C Residential, Commercial & Educational Structure
 - Design of Industrials & Special Steel Structure
 - Design of Long Span Structure
 - Design of Water Retaining Structure (W.T.P)
 - Tall-Building Design & Analysis
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PRIME ACADEMIC

Pervious Concrete Rigid Pavement Design:

The main aim of the project was to develop the connection of rainwater to the ground and accessible to the treatment of water with the help of Pervious Concrete.

Amphitheatre Roof Design using Timber:

In this project, I developed the structural form using timber and did analysis using STAAD software.

FLAT SLAB R.C.C. Design with core shear wall and peripheral column in zone 4:

In this project, I developed the structural system and did analysis using ETABs and SAFE software.

Industrial Shed Design using steel with multiple Gantries:

In this project, I developed the structural system did analysis & design using STAAD software & steel connection using design excel.

Design of long Span Structure Airport Terminal Design:

In this project, I developed the airport terminal structural system did analysis & design using STAAD & SAFE software.

[Academic Work Portfolio](#)

CONFERENCES ATTENDED

- Webinar on “**Steel Connections in Steel Structures**”, organized by Civil Engineering Department, R. N. G. Patel Institute of Technology- RONGPIT. **(May 2020)**
 - Webinar on “**Necessity of Soil Investigation in Construction**”, organized by Civil Engineering Department, R. N. G. Patel Institute of Technology- RONGPIT. **(June 2020)**
 - Webinar on “**Field Approaches of Valuation**”, organized by Civil Engineering Department, R. N. G. Patel Institute of Technology- RONGPIT. **(June 2020)**
 - Conference on “**Pervious concrete – Can it mitigate some effects of climate change? By. Dr. N. Subramanian**”, organized by Faculty of Technology – CEPT University. **(August 2023)**
 - Conference on “**2023 Turkey Earthquake – Performance of Structure and Causes of Failure, by Mr. Bhairav Patel**”, organized by Faculty of Technology – CEPT University. **(August 2023)**
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ACADEMIC ACHIEVEMENTS

2nd Rank in “**AutoCAD**” State Level Competition in Virtual Tech Fest E-Visvemruti 2020, organized by R. N. G. Patel Institute of Technology- RONGPIT.

PROFESSIONAL SKILLS

- Keen to learn
 - Time Management
 - Leadership
 - Team Work
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PERSONAL DETAILS

Date of Birth : 1st July 2002
Gender : Male
Languages : English | Hindi | Gujarati
Nationality : Indian

DECLARATION

I hereby declare that the above-mentioned details in this resume are true, complete and correct to the best of my knowledge and belief.

(Lalchand M. Prajapat)
