

# MEET DEVENDRA SHAH

## B.E CIVIL | M.S STRUCTURAL DESIGN

Strong problem-solving skills with experience in designing RCC and Steel Structures. Proficient in wind, seismic, and essential load calculations as per IS and international codes. Aiming to apply my expertise, enhance my knowledge, and contribute to the success of structural projects.



### CONTACT

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### LANGUAGES

- English
- Gujrati
- Hindi
- Marathi

### AREA OF INTERESTS

- Structural Design and Analysis
- High rise RCC Structures
- Special Structures
- Operate new analytical software

### SOFTWARE SKILLS

- AutoCAD
- Staad Pro
- Etabs
- Microsoft Office
- RCDC
- Bluebeam
- SAFE

### PROFESSIONAL EXPERIENCE

#### B+AC Pvt LTD

##### Graduate Structural Engineer (July 2024 – Present)

##### KEY ROLE

- Manual design of structural elements
- Modelling, analysis and design of structure according to specifications
- Reviewing models and drawings
- Optimizing structural quantity and section sizes
- Preparation of Design Report

### REPRESENTATIVE PROJECTS

#### ❖ NMIMS University, Noida

##### Institutional Building

- Structure:** G+11 RCC Building  
**Stage:** Closed (Concept Stage)
- Etabs modeling for analysis and trials
- Manual/ Etabs design of beam and column
- Coordination with Architect
- Preparation of Report & detailed drawings for IIT submission
- Reviewed structural drawings to ensure accuracy and compliance.
- Codes used: IS 456, IS 1893, IS 13920.

#### ❖ NMIMS School, Noida

##### Institutional Building

- Structure:** G+5 RCC Building  
**Stage:** Closed (Concept Stage)
- Etabs modeling for analysis and trials
- Manual/ Etabs design of beam and column
- Coordination with Architect
- Preparation of Report & detailed drawings for IIT submission
- Reviewed structural drawings to ensure accuracy and compliance.
- Codes used: IS 456, IS 1893, IS 13920.

#### ❖ CASA LIFE, Mumbai

##### Residential Building

- Structure:** G+18 RCC Building  
**Stage:** Closed (GFC Stage)
- Verified ETABS model, ensuring accuracy as it was developed by another engineer.
- Collaborated with the Execution team to address structural requirements on-site.
- Preparation of Report of Site visit & detailed drawings
- Codes used: IS 456, IS 1893, IS 13920.

## **PROFESSIONAL SKILLS**

- Believe in Team work
- Communication skills
- Leadership skills
- Listening skills

## **EXTRACURRICULAR ACTIVITIES**

- EWT Volunteer-(2018-2022)  
(Providing education to underprivileged student)

## **ONLINE COURSES**

- Smart cities management-Cousera
- Project Management-Cousera
- Professional Etiquette-TCS ION
- Study of Structural analysis - AUTODESK

## **PERSONAL DETAILS**

- Date of Birth – 19/02/2000
- Nationality- Indian

## **HOBBIES**

- Playing Cricket
- Listening Music
- Reading Books

## **❖ Piramal Aranya, Mumbai**

### **Residential Building**

- **Task: - AC ODU Unit design**
- Manual Design of Structural elements
- Optimizing structural quantity and member sizes
- Preparation of markup for detailed drawings
- Codes used: IS 800.

## **❖ Peer Review**

### **Residential Building**

- PB GLOBAL TOWER D1– MUMBAI- G+48, RCC Building
- RUNWAL ENCHANTED TOWER C – MUMBAI- G+50, RCC Building.

## **❖ ACADEMIC PROJECTS**

- ❖ **DESIGN OF RCC T GIRDER 4 LANE RIVER BRIDGE (2024)** [SEM 4 PROJECT](#)
  - Designed a 4-lane RCC T-Girder River Bridge, including hydraulics, buoyancy, and hydrodynamic analysis as per IRC codes.
  - Code Compliance & Accuracy: Ensured full compliance with IRC standards, covering load considerations, material specifications, and safety requirements.
- ❖ **DESIGN OF STEEL STAGING STRUCTURE) (2023)** [SEM 3 PROJECT](#)
  - Designed a heavy industrial staging structure with single bay bracing at the periphery for lateral load resistance and compared it with multiple bracing systems.
  - Optimized structural design and connections, achieving a utilization ratio of 0.8-0.9, and proposed the most effective and economical system.
- ❖ **R.C.C DESIGN OF BUILDING WITHOUT SEPARATION JOINT (2023)** [SEM 2 PROJECT](#)
  - Designed and analyzed a G+9 L-shaped RCC building in Zone V without a separation joint, checking for torsional irregularity as per IS 1893:2016 and proposing mitigation solutions
  - Compared structural behavior with and without a separation joint, ensuring code compliance, and completed ETABS modeling, design, and detailing.
- ❖ **BAMBOO ROOFING AT AMPHITHEATRE (2022)** [SEM 1 PROJECT](#)
  - Designed the roofing system for an Amphitheatre near CEPT Garba Ground, focusing on material selection, form finding, and structural system development.
  - Conducted preliminary design, element sizing, analysis, and structural design to ensure stability and functionality.

## **❖ INTERSHIPS**

### **EPICONS CONSULTANTS PVT LTD (MUMBAI).**

#### **Job Title Structural Engineer (2 MONTHS)**

Modelling, analyzing, and designing the structure in ETABS according to code compliance and optimizing it based on client requirements

## **❖ EDUCATION**

- **Masters in Structural Engineering and Design** (2022- 2024) CEPT University  
C. G. P. A. – 3.40 / 5.00
- **Bachelor of Civil Engineering** (2018-2022)  
Thakur College of Engineering and Technology | Mumbai University
- C. G. P. A. – 8.64 / 10.00