

# MEET SHAH

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## SUMMARY

A highly motivated and detail-oriented and motivated Civil Engineering graduate with a specialization in Structural Engineering. Proficient in AutoCAD, ETABS, and STAAD.Pro software. I am skilled in applying engineering principles to solve problems and work collaboratively in a team environment. I am seeking an opportunity to utilize my skills to contribute to a reputable engineering firm.

## EXPERIENCE

FRESHER

## INTERNSHIP

### M.S DEVELOPER, MALAD (MUMBAI).

#### Job Title TRAINEE ENGINEER (1.5 MONTHS i.e. (6 WEEKS)).

On site details checking of reinforcement detailing and before Slab casting details checking etc.

### EPICONS CONSULTANTS PVT LTD (MUMBAI).

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

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

## EDUCATION

### Masters in Structural Engineering Design (2022- 2024) \* Currently Pursuing

CEPT University | Sem I G. P. A. – 3.7 / 5.00 | Sem II G. P. A. – 3.1 / 5.00 | Sem III G. P. A. – 3.1 / 5.00

### Bachelor of Civil Engineering (2018-2022)

Thakur College of Engineering and Technology | Mumbai University | C. G. P. A. – 8.67 / 10.00

#### State Board – 12th (2018)

R.R International College of Science and Commerce | Percentage –58.77 %

#### State Board – 10th (2016)

D’silva High School | Percentage – 87.20%

## SOFTWARE SKILLS

- ETABS (Intermediate)
- AutoCAD (Intermediate)
- Google Sketchup (Intermediate)
- Staad Pro (Intermediate)
- PTV VISSIM (Intermediate)
- Grasshopper (Intermediate)
- Microsoft office (Intermediate).

## AREA OF INTEREST

- Structural Design
- Structural Analysis
- Steel Design
- Bridge Design
- RCC Design

## PRIME ACADEMIC PROJECTS

### DESIGN OF RCC T GIRDER 4 LANE RIVER BRIDGE (2024)

The Ongoing project deals with Design of RCC 4 lane T Girder River bridge which includes calculation of Hydraulics, Buoyancy, Hydrodynamics etc Project will be completed in May 24'

### DESIGN OF STEEL STAGING STRUCTURE (ADHESIVE PLANT) (2023)

The project deals with design of heavy industrial staging structure where main purpose of study was to design in such a way where only single bay bracing was allowed at periphery for lateral load resisting system and compare it with multiple designed by other student and propose which structural system is more effective and more economical. All connection were designed and Structure were optimised with Utilization ratio of 0.8-0.9.

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### **G+9 R.C.C DESIGN OF BUILDING WITHOUT SEPARATION JOINT (2023)**

The project deals with the design of the G+9 L shape RCC Building at Zone V without providing the separation joint. The structure must be checked for torsional irregularity as per IS 1893 2016 and find a solution to mitigate it. The structure must be compared to the same structure if the Separation joint is permitted. The building must be analysed designed and detailed as per Codal provisions and the software is modelled in Etabs.

### **SAN JOAQUIN COUNTY ADMINISTRATION BUILDING, CALIFORNIA, USA. (2022)**

The San Joaquin building was designed using grasshopper tool in Rhino to understand how parametric design are done. With the help of Karamba-3D the bridge was analysed for dead load and the behaviour of the bridge was studied

### **BAMBOO ROOFING AT AMPHITHEATRE (2022)**

The project was about the design of roofing for the amphitheatre located near CEPT Garba ground. The aim of the project was to understand the material to be used, form finding and form development process, development of structural system, preliminary design and sizing of the elements and analysis and designing.

### **PLANTATION USING WASTE WATER BY HYDROPONICS (2021)**

The method of reusing wastewater by modern means of technology involves Hydroponics, Pythoride, and slow sand filter in which we have made a prototype where the reuse of wastewater will make be utilized for growing some aesthetics looking plant

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#### **ACADEMIC ACHIEVEMENTS**

- Smart cities Management (**COURSERA**)
- Project Management Course (**COURSERA**)
- Marketing strategies Course (**COURSERA**)
- Google Digital Marketing (**DIGITAL GARAGE**)
- TCS ION course for professional etiquette.

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#### **PROFESSIONAL SKILLS**

- Communication Skills
- Management Skills
- Leadership Skills
- Professional Etiquette
- Collaboration

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#### **PERSONAL DETAILS**

Date of Birth: 19<sup>th</sup> February 2000  
Languages: English | Hindi | Gujarati | Marathi  
Nationality: Indian

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#### **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.

**PLACE:** Mumbai, Maharashtra

(MEET DEVENDRA SHAH)