

Yash Jayrambhai Patel

Recent Graduate holding bachelor's degree in Civil Engineering Passionate about construction and project management.

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EXPERIENCE

Torrent Power, Ahmedabad, Gujarat— Graduate Engineer Trainee

August 2022- PRESENT

- 11 KV sub-station construction and maintenance.
- Road reinstatement work.
- Work allocation, scheduling, and planning of the project site.
- Assuring QA/QC on site according to contract conditions.
- Billing and measurement verification.
- Estimation and costing of work and checking of BOQ.
- Dealing with vendors & their team members.

Kushal Thakker Architect, Gandhidham, Kutch— Designer

May 2022 - July 2022

- Architectural planning of residential projects like 2-5BHK bungalows.
- Interior & exterior facade design.
- Preparation of 3D models using SketchUp and rendering it in V-RAY and Lumion.
- Material selection and dealing with clients.
- Management of material and manpower on site and completing work on time.
- Site supervision and drawing analysis.
- Execution of drawings on site and maintaining progress with time.

Sthapatya Consultant, Gandhidham, Kutch— Internship

January 2022 - April 2022

- Planning of residential & industrial projects
- Planning according to VASTU SHASHTRA.
- Structural drawing preparation.
- Estimation and costing of the project.
- Manpower and material management.

SOFTWARE

- | | | |
|--------------|---------------|-----------|
| (1) AutoCAD | (3) Lumion | (5) ETABS |
| (2) SketchUp | (4) MS office | |

TECHNICAL SKILLS

- (1) Site Supervision & execution
- (2) Estimation and Costing
- (3) Bar Bending Schedule
- (4) Bill Of Quantity
- (5) Working Drawing
- (6) Project Management
- (7) 3D modeling and 2D plan rendering
- (8) Interior and exterior facade designing

EDUCATION

L. D. College Of Engineering, Ahmedabad Bachelor's of Engineering in Civil Engineering

June 2019 - March 2022

Relevant courses:-Concrete Technology, Design of Concrete structure, Estimation and costing, Project Management

Tolani Foundation Gandhidham Polytechnic, Gandhidham Diploma in Civil Engineering

June 2016 - March 2019

Relevant courses:-Civil engineering drawing, Building Services, Surveying, and foundation engineering

Shree Shivam Vidhya Mandir, Gandhidham

Gujarat secondary and higher secondary education board

PROJECTS

Porous Concrete— “When it rains It Drains”

- Designed the porous concrete slab for the GSRTC bus stand for solving the problems arising due to water logging.
- While designing we have used different ratios of materials and admixtures to achieve the desired strength.
- Tested the prototype of the porous concrete by passing various vehicles like Bike, Car, Loader, and Truck.
- Suggested different ratios of the concrete slab which gave higher strength and may be helpful for the future designing and planning of porous concrete pavement.
- It is helpful in recharging groundwater and helps the soil to maintain its moisture content.

LANGUAGES

- English
- Hindi
- Gujarati