

# SAGAR PRAFULKUMAR JAIN



256, Bhavani Peth,  
Jalgaon (425001),  
(MH), INDIA

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Current Address: Powai, Mumbai.

## CAREER OBJECTIVE

Seeking for a remarkable position in Civil Engg. Department, where I can use my technical and interpersonal skills in construction and contribute to the company to achieve its goal.

## ACADEMICS

Sr. No.	Course	Board/University	Institute	Aggregate	Year of Passing
1.	Master of Engineering (Structural Engineering)	Savitribai Phule Pune University	Sinhgad College of Engineering, Pune.	CGPA: 8.00 ( Topper)	2019
2.	Bachelor of Engineering (Civil Engineering)	North Maharashtra University	SSBT COET, Jalgaon	CGPA: 9.04 ( Topper)	2016
3.	H.S.C.	Maharashtra State Board	M.J COLLEGE, Jalgaon	73.67%	2012
4.	S.S.C.	Maharashtra State Board	St Lawrence Convent High School	82.18%	2010

## WORK EXPERIENCE

### **Dhirendra group of company (DGC), Mumbai**

#### **Design Engineer - Currently working**

- Preparing the design calculation of structural members for strengthening.
- Making of project reports and working on structural rehabilitation and strengthening. Also familiar to ACI code.

### **Structures by Milind Rathi**

#### **Design Engineer - Aug 2016 to Aug 2017**

- Making of Structural drawing from Architectural drawing
- Preparing design calculation and designing of structures using Etabs.
- Worked on AutoCAD, STAAD-Pro, Build-master, and E-tabs.
- Reviewing the designs done by the engineering consultants.

### **Reliable Consultant & Developer**

#### **Site Supervisor - Sept 2015 to Aug 2016**

- Execute the work as per drawing and standards.
- Adjusted work schedules as need in order to meet all project deadlines.
- Responsible for site supervising including activities related to store, stock, construction, handling labor and managing.

## TECHNICAL SKILLS

- Auto-CAD, ETABS, STAAD.Pro, Revit, Build Master.

## PROJECT WORK

### SEISMIC RESPONSE OF SETBACK FRAMES

*Major Project (M.E)*

- The project aimed to study the effects of the structural irregularity which is produced by the setback building subjected to seismic loads by using ETABS software.
- It is observed that the effect of earthquake on structure can be minimized by providing a shear wall.

### SUSTAINABLE USE OF NATURAL FIBER IN CONCRETE

*Major Project (B.E)*

- The project aimed at an increase in compressive & tensile strength of concrete by adding naturally available *human hairs*.
- It is observed that there is a remarkable increment in properties of concrete according to the percentage change of hairs to weight of cement such as an increase in compressive strength to 20% approx.
- Uniform distribution of hairs in the concrete mixture was a challenge & was coped by the use of certain tools.

## MINI PROJECTS/ SEMINARS

- Seminar on Sulphur concrete. # Seminar on Sky bus.
- Seminar on Bubble deck slab. # Seminar on Noise pollution
- Seminar on Quantification of Damage index

## EXTRA-CURRICULAR ACTIVITIES

- Paper presentation in PANCHTATVA 2019 & PG-CON2019 at national level competition, Pune.
- Attended Standard Penetration test and plate load test at “SSBT COET, Jalgaon”
- Paper presentation in ATSCIFI 2014 and TECHZEALOT 2015 at the national level competition.
- Member of Indian Concrete Institute.
- Personality and communication Skill Development program in Mumbai.

## PERSONALITY TRAITS

- Ability to rapidly build a relationship and set up trust.
- Ability to cope up with different situations.
- Managing & leading Team members.
- Active listener & Quick learner with a positive attitude.

## HOBBIES

- Reading News Paper # Playing cricket

## PERSONAL DETAIL

- Full Name: Sagar Prafulkumar Jain
- Sex: Male
- Date of Birth: Sept 4<sup>th</sup>, 1994
- Marital status: Unmarried
- Languages Known: English, Hindi, and Marathi.
- Nationality: Indian

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