

Dhiraj Bhawanishanker Vasu – B.E (Civil Engineering)

103, Maruti 3 Nr Devnandan Heights, New CG Road, Chandkheda, Ahmedabad-382424

+91-8000779336; dhirajvasu249@gmail.com

Date of Birth: 24 September, 1993

CAREER OBJECTIVE

To utilize my technical skills for achieving the target and developing the best performance in the organization. I would like to implement my innovative ideas, skills and creativity for accomplishing the projects.

Summary of Skills:

- Strong experience of wooden structural engineering
- Skilled in analyzing and designing wood structures
- Strong knowledge of wood, steel, and other construction materials
- Complete understanding of Building Information Modeling
- Proficiency in AutoCAD, Forte, EnerCalc, I-Struct, BCI, MS Office, Revit (Basic), Staad Pro (Basic)
- Excellent communication and time management skills

ACADEMIC PROFILE

Degree/Standard	Institute / School	Board/University	Year	Marks (%) / GPA
B.E. (Civil Engineering)	Saraswati College of Engineering and Technology, Mehsana	Gujarat Technological University	2015	7.69/10.00
HSC	Gyandeeep High School, I.O.C Road Chandkheda	GHSEB	2011	57.38
SSC	Gyandeeep High School, I.O.C Road Chandkheda	GHSEB	2009	78.48

Academic Achievements

- ◆ **Gold Medal** for Academic Performance in Civil Engineering in 2015
- ◆ **Silver Medal** for Academic Performance in SSC in 2009

KEY PROJECTS**Project (BE)**

- ◆ **Title:** "Improvement of Concrete Properties by adding Fibers"
- ◆ **Methodology:** Used 3-Types of fibers (Jute, Polypropylene, Nylon) in concrete tested workability and cubes for 7,14,28 days on UTM Machine.
- ◆ **Key Outcomes:** Workability and Strength of Concrete Increased by adding fibers.

ACTIVITIES & HONORS**Sports & College Activities**

- ◆ Player of Civil Cricket Team "SCET sports week inter-college" in 2013 and 2014
- ◆ Team member for GTU Tech-Fest in 2014

Co-Curricular Activities

- ◆ Volunteering for an NGO- "Bright Inspiration", Ahmedabad
- ◆ Work shop on "ENGINEERING SEISMOLOGY" by **ISR** (Institute of Seismological Research), Gandhinagar in 2014
- ◆ Performed Contour Project At Amarnath-Amarapur, Gandhinagar

INDUSTRIAL VISITS**College Industrial Visits**

- ◆ Industrial Visit at Cera Ceramic Plant, Kadi Mehsana
- ◆ Industrial Visit at Kotarpur Water Treatment Plant, Ahmedabad

WORK EXPERIENCE

Company: Alliance Structural Engineers Pvt Ltd

Designation: Civil Engineer | | May 2017 to Present

◆ Key Deliverables:

1. Analysing Architectural plans, elevations and sections.
2. Ensuring all designs that were signed off met with the appropriate codes of practice and standards.
3. Co-ordinate with drafters for sheet setup of projects in auto-cad 2D.
4. Wind & Snow load calculations by Wall Bracing Method.
5. Structural load calculations by using software's like Forte, I-Struct & BCI for Wood Beam, Post & Joists calculations, Ener-Calc for Steel beams and Concrete beams calculations.
6. Structure Design and Drawings.
7. Liaising with the Architecture and adapting to meet their requirements in order to complete project at economical cost.
8. Managing time and delivery deadlines.
9. Provide sealed PDF and DWF to architect for county submission.

Company: Shree Shakti Developers

Designation: Civil Engineer | | July 2015 to April 2017

◆ Key Deliverables:

1. Liaising with clients, subcontractors and other professional staff, especially quantity surveyors and the overall project manager.
2. Setting out sites and organising facilities.
3. Checking technical designs and drawings to ensure that they are followed correctly.
4. Supervising contracted staff.
5. Ensuring projects meet agreed specifications, budgets or timescales.
6. Providing technical advice and solving problems on site.
7. Preparing site reports and filling in other paperwork.
8. Ensuring that health and safety and sustainability policies and legislation are adhered to

PROJECTS(OPPORTUNITIES)

1 – Projects : Single Family Houses, Town Houses and Multi Family Houses (Wooden Structure Design)

Location: Virginia, Maryland, New-York

- Completed **20 Projects** for “Single family” located in Virginia & Maryland.
- Completed **4 Projects** “Town houses” which was Slab on Grade condition.
- Completed **2 Projects** of “Town Houses” located in NY.

2 – Project : Aastha 64 Shree Shakti Developers (G+7 Residential Building)

Location: Ahmedabad

- Completed RCC Frame of Building and Brick Masonary Work Successfully.
- Monitored and controlled project safety, quality, direct costs, schedules, and ensured project built to quality standards adhering to government regulations and within expected time frame.
- Work closely with Development Team, Architects and Engineers.