

ARCHANA S

Sr Structural engineer

Experience: 1 Year

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Profile Summary

I wish to be part of the challenging and prospective field where innovative ideas are encouraged the most. I look forward to work in a challenging environment where I can upgrade my skill as per demand in the organization.

Core/Key Skills

- ETABS
- SAP 2000
- STAAD. PRO
- AutoCAD
- MS Office

Work Experience

Company: The Better Co (March 2021 – Till Now)

Designation: Structural Engineer

Job functions and responsibilities:

- Coordination with Architectural Team and Clients
- Design of Residential buildings and Apartments.
- Preparing Structural Drawings and detailing
- Regular site visits for checking reinforcement before concreting
- Presenting the drawings to the client and the team for better clarity and understanding
- Calculation of all the loads manually and in software, analysing the same and optimization of the design to the best extent possible
- Handle immediate changes on site and as per the design requirement
- Training and development for Jr. Structural engineer and Interns

Academic Credentials

- **MTECH** (Structural Engineering), 9.44 CGPA, 2020
PES University, Bengaluru
- **BE** (Civil Engineering), 76.4%, 2018
Nagarjuna College of Engineering and Technology, Bengaluru
Visvesvaraya Technological University, Belgaum.

- **PUC (P.C.M.B), 79.66%, 2014**
B.G.S P.U College, Gauribidanur
Karnataka Pre University, Bengaluru.
- **CLASS 10th, 66%, 2012**
Vidyanidhi Public School, Gauribidanur
Council for the Indian School Certificate Examinations.

Projects in Academics

Title : Effect of Industrial Effluents on Tungabhadra River by HARIHAR Polyfiber Industry
Duration : 6 months

Description : The main aim of this project is to study the effect of industrial waste water on Tungabhadra River and to suggest the preventive measures, also water quality impact assessment is undertaken.

Title : Investigation on Reinforced Concrete Slab Retrofitted with various Schemes subjected to Floor Vibration

Duration : 1 year

Description : The thesis is to numerically investigate the performance of various retrofitting techniques using structural steel and advanced composites on floor slab, subjected to floor vibration induced due to heavy machinery using SAP2000.

Internship And Certification

Internship:

- Completed 3 months of internship on analysis and design of structures both manually and analytically (STAAD.Pro) at “SPECS” Consulting Civil Engineers, Bangalore.

Certifications:

- Attended Workshop on “Application of Remote Sensing and Geographic Information Systems” held on 22-03-2016 at ATME College of Engineering, Mysuru.

Accomplishments

- Secured “Distinction award” in 1st year MTech – Civil engineering.
- “Founder’s Award” for securing 4th place in the 1st year BE conducted by VTU in 2014- 2015.
- Participated in the South Indian level competition in SPOT PROG held at GSS institute of technology, Kengeri, Bangalore, hosted by VAPS knowledge services Pvt.ltd in 2008- 2009.

Declaration

I hereby declare that above furnished information is true to the best of my knowledge.

Yours truly,
Archana S