

S.J.AVINASH
Phone: +91 9008915792
E-mail: avinash.april@gmail.com

OBJECTIVE

“To obtain a creative and challenging opportunity where I would be able to exercise my engineering and interpersonal skills, enable me to learn new things, grow personally and professionally and also contribute significantly to the growth of the Organization.”

SUMMARY

- 1 year 11months of experience as **TECHNICAL REPRESENTATIVE (2012-2014)**.
- 2 months internship organized by college.
- 1 week internship at BMRCL.
- Hands on Experience in **AutoCAD, STAAD.Pro, ETABS, SAFE, REVIT ARCHITECTURE, STAAD RCDC, MATLAB AND EXCEL.**

TECHNICAL SKILLS

- Planning, drafting, 3-D drawings and walkthrough using **AutoCAD and REVIT ARCHITECTURE.**
- Designing of structural elements using **STAAD.Pro, ETABS, SAFE** and manual designing of structural elements.
- Developing programs for designing structural elements using **MATLAB AND EXCEL.**
- Detailing and designing of structural elements using **STAAD RCDC** software.

WORK EXPERIENCE

PREVIOUS EMPLOYMENT

Name of Organization : **Hilti India Pvt. Ltd. (After completing BE)**
Duration : **July 2012 to June 2014**
Designation : **Technical Representative**

CAREER HIGHLIGHTS

- Providing solutions for all MEP related works at site.
- Training labours to install anchor fasteners for different applications.
- Using of different construction tools to simplify and reducing the time required to complete the job.

PROJECTS UUDERTAKEN

1. Brigade Meadows
2. Sobha forest view
3. Nitesh cesars Palace
4. Sobha dew flower

INTERNSHIP HIGHLIGHTS (in M. Tech)

1. Reading architectural and structural drawings.
2. Preparing center line drawings for the plans using AutoCAD to export to structural designing software.
3. Designing beams and columns using ETABS and STAAD.Pro software.
4. Designing of slabs and foundations using SAFE software.
5. Preparing reinforcement detailing drawings.
6. Introduction to the use of STAAD RCDC software for designing and detailing of buildings.
7. Manual designing of structural components.
8. Developing programs using MATLAB and EXCEL for designing all structural components.

INTERNSHIP PROJECTS

1. Boys Hostel building at Siddaganga Matt.
2. Sample School building.
3. Commercial complex at Bangalore (G+5).

EDUCATION

Qualification	Institute	Year	PERCENTAGE/ CGPA
M. Tech in Structural Engineering	SIT, Tumkur.	2014- 16	(8.71 CGPA) (upto 3 rd sem)
BE in Civil Engineering	Dr.AIT, Bangalore	2008-12	74.51%
12 th Standard (CBSE)	Kendriya Vidyalaya, BEML NAGAR	2008	80.60%
10 th Standard (CBSE)	Kendriya Vidyalaya, BEML NAGAR	2006	70.80%

TECHNICAL THESIS AND PUBLICATIONS

BE: Project conducted with CPCB and certified by CPCB (Central Pollution Control Board).

Project title: Estimation and assessment of pollution in Bellary:

- Pollution from Stack.
- Pollution of water released from manufacturing process.
- Air pollution at the location of the iron ore industry.

Samples were collected at different sites using standard equipment and were tested in the laboratory to estimate the pollution.

M. Tech:

Project title: Reliability analysis of a typical 2D steel frame:

- Reliability index of steel column and beam using Hasofer-Lind method was computed for a 3 bay 4 storey steel frame. The reliability index, load and resistance factors were computed for different earthquake zones of India. A MATLAB program was developed to compute above parameters.
- System reliability was computed considering structure as a series system and 27 failure modes were identified to compute system reliability.

(Under the guidance of Dr. V. Devaraj, UVCE, Bengaluru and Dr. J.K.Dattatreya, SIT, Tumkur)

“ **RELIABILITY ANALYSIS OF 2D STEEL FRAME**” has been presented at National Conference on “Computer Aided Analysis and Design of Structures” (caads-2016) proceedings, organised by SDM College of Engineering and Technology, Dharwad on 18th June 2016 and was published in “Bonfring International Journal of Man Machine Interface” ISSN: 2277-5064, Vol. 4, Special Issue, July 2016, pg.31-35.

Certification and Training

1. Participated in workshop organized by the METRO Bangalore for a duration of 7 days.
2. Participated in Bridge Modeling Workshop Conducted by IIT Kanpur.
3. Secured City (9th), State (215th) and India (6655th) level ranks in 6th National Cyber Olympiad.
4. Participated in 8th National Mathematics Olympiad (2005) and was school topper.
5. Represented Kendriya Vidyalaya (BEML) in Cluster and Regional level table tennis competition.
6. Secured first place in table tennis doubles conducted by AVH, Bangalore.
7. Secured first place in Social Science exhibition conducted in KV BEML.
8. Student member of ICI (Indian Concrete Institute).

PERSONAL DETAILS

Name : S.J.AVINASH
Date of Birth : 01-10-1990
Father Name : S.R.JAGANNATHA GUPTA
Nationality : Indian
Languages Known : English, Hindi, Kannada, Telugu and Tamil
Permanent Address : #91, 'SURABHI', 7th main, Dasarahosahalli, D.K. Halli post, Kolar
Bangarpet (T) -563162

DECLARATION

I hereby declare that the above mentioned information is correct to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Bangalore

Date:

S.J.Avinash

REFERENCE

1. Dr.J.K.Dattatreya
Research Professor
Siddaganga Institute of Technology,
Tumkur
Ph. 9964888866
2. Dr.S.V.Dinesh
Head of Dept.
Siddaganga Institute of Technology,
Tumkur
Ph. 9449852695
3. Dr. V. Devaraj
Professor
UVCE, Bengaluru
Ph. 9449749274