Vasanth

B.E. (Civil), M.Tech. (Structural Engineering)



**E-mail:** **vasanth.320011@2freemail.com**

**Personal statement:**

An enthusiastic, driven and proactive Structural Engineer possessing a track record of projects delivered on-time. Having a strong technical background and a firm understanding of codes of practice in the field of expertise. Having experience of working on a several challenging and interesting projects within a variety of sectors including healthcare, education, industrial, commercial, residential and Precast.

**Roles & Responsibilities :**

* Perform structural analysis, design and plan preparation for various structures.
* Perform routine engineering functions.
* Prepare sketches/drawings and design calculations.
* Assist in the development of technical specifications.
* Review shop drawings for conformance with architectural/contract plans.
* Prepare computer models & technical reports.
* Interface with client & project coordination with other disciplines in a professional manner.
* Perform research & site investigations based on the client/project requirement.

**Core Strengths :**

* Good verbal and communication skills.
* Desired & ability to work in a team environment on challenging projects.
* Strong knowledge of Engineering Analysis & design softwares, IS, BS, ACI & other Codes.
* Diligent & always willing to learn.

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| **Software proficiency:** |  |  |
| Structural Engineering Software's | : STAAD Pro V8i, E-Tabs v2015, SAFE2015, SAP 2000 v14. |
| Precast Engineering Software's | : Presto, Vertex. |
| Drafting Software |  | : Auto CAD 2015. |
| Project management software's | : Primavera P6, Microsoft Project. |
| Documentation Software's | **:** Microsoft Office Word, Excel, PowerPoint. |
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| **Employment history** | **: Total work experience - 3 years in Design + 1 year in Execution** |
| **Nov 2014 – Present** | **- Assistant Design Engineer | Structural, STUP Consultants Pvt. Ltd., Bangalore.** |

* Designing the structural elements like Slab, Beam, Column, Footing, Retaining wall, UG Sump, STP, OHT, Helipads etc. as per IS codes, Bangladesh Codes, ACI etc.

**Projects Handled:**

* Analysis & Design of **Expansion of BIAL** – Bangalore International Airport Ltd. – Bangalore.
* Analysis & Design of **BMTC Bus Terminal,** G+4+Terrace Floor for different loadings like Seismic, Wind, Fire Tender Vehicle Movement Load for GF Slab, Design of Beam Column, etc. – Commercial Building – BTM Layout, Bangalore.
* Analysis & Design of **Christian Medical College Building,** G+3+Terrace Floors, (Zone III – Ductile detaiing) for different loadings like Seismic, Wind, etc – Institutional/Healthcare Building - Neyyur, T.N.
* Analysis & Design of **Library & Auditorium Building for Christian Medical College,**

Basement+G+3+Terrace Floors, for different loadings like Seismic, Wind, etc –

Institutional/Healthcare Building - Neyyur, T.N.

* Analysis & Design of **OT Building for Christian Medical College,** 2 Basement+G+3+Terrace Floors, for different loadings like Seismic, Wind, etc – Institutional/Healthcare Building - Neyyur, T.N.
* Analysis & Design of **Prestige Song of The South,** for tendering, Later, proof checking of the same. A Real Estate Project on 33 acre land. A fully RCC Pier, Beam, Column, Slab Structure having 17 different towers up to 25 floors with Helipad, for seismic loadings – Prestige – Begur, Bangalore.
* Proof Checking of **Prestige Lakeside Habitat,** A Luxury Township Project on 102 acre land. A fully RCC Pier, Beam, Column, Slab Structure having 12 different towers up to 30 floors with Helipad for seismic loadings – Prestige – Whitefield-Sarjapur Road, Bangalore.
* Analysis & Design of Expansion of **Industrial Building for Dhaka, Bangladesh,** G+4+Terrace Floor for different loadings like Seismic, Wind. Design of structural elements as per Bangladesh Code, BS and ACI Codes– Industrial Building – Dhaka, Bangladesh.
* Analysis & Design of **OHT for Thoothukudi Municipal Corporation**, VMS Nagar for different loadings like Seismic, Wind and hydrodynamic pressures. Design of structural elements as per IS Codes – Infrastructure – VMS Nagar, TN.
* Analysis & Design of **OHT for BTPS, KPCL, Kudithini,** for different loadings like Seismic, Wind and hydrodynamic pressures. Design of structural elements as per IS Codes – Infrastructure – VMS Nagar, TN.
* Analysis & Design of **Township development works for KPCL, Kudithini.** A fully infrastructure development project for BTPS, Bellary. Design of structural elements as per IS codes – Township Project – Bellary, Karnataka.

**Aug 2014 – Nov 2014 - Trainee Design Engineer | Structural, TRC Worldwide Engineering Pvt. Ltd.,**

* Understanding & Preparing the Structural model for the design of various Precast products using Different software packages like Bentley Presto, Vertex, Staad Pro V8i and E-Tabs v14.
* Designing the structural elements like DT Slab, Spandrel, Precast Columns, Footing, Shear wall design etc. as per ASCE 7-10, ACI-318-11, IBC-2012, PCI-318-11.
* Preparing the structural elements model in different software packages, to perform the lateral analysis and gravity analysis.
* Preparing the design reports for submission.

**Projects Handled:**

* Analysis & Design of **Fairfax, G+4 Floors Precast Car Parking Garage** for seismic loadings.

**Aug 2013 – April 2014 - Trainee Design Engineer | Structural, Entask Consultancy Services Pvt. Ltd.,**

* Preparing the Structural model for Towers, framing elements using Staad Pro V8i and E-Tabs v14.
* Advanced Analysis of the model to understand the behavior under various loading pattern.
* Designing the structural elements like Slab, Beam, Column, Footing, Retaining wall etc. as per IS codes.

**Projects Handled:**

* Analysis & Design of **Row Villa,** G+4 Floors with Studio Apartment & Club House for seismic loadings–Renaissance (Nature Walk) – K.R.Puram, Bangalore.
* Analysis & Design of **Club House** for seismic loadings–Nambiar ballezea – K.R.Puram, Bangalore.

**Aug 2011- July 2012** **- Project Engineer | Execution, Kris Cooper Consultancy Pvt. Ltd., Bangalore.**

* Execution of civil works at site as per the drawing given by the consultants.
* Co-ordination with the architects, consultants & contractors.
* Quantity surveying & Checking.
* Quality control at the site.

**Projects Handled:**

* **SKL Hotel Pvt. Ltd., Phase-1, Near BIAL, Bangalore.**

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| - 1 Basement + 1 mezzanine + Ground + 4 typical floors + Terrace with | swimming | pool. Total |
| built up area of 17000 sq. ft. |  |  |  |
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| **Academic details:** |  |  |  |  |
| **Master of Technology** | **- June 2014 - Manipal Institute of Technology, Manipal.** |  |
| Grade (CGPA) | - 7.3 |  |  |  |
| P.G. dissertation work | - “Influence of mass and strength on the performance of RC structures |
|  | by using push over analysis”, under the guidance of Mr. Suresh H.L. |
|  | (Director, Civil | Tech Pvt. Ltd., Bangalore) and Mr. | Shivananda |
|  | S.M.(Structural | Engineer, Geo-Data, Bangalore). |  |
| **Bachelor of Engineering** | **- June 2011 - BMS College of Engineering, Bangalore.** |  |
| Grade | - 70.00% (Distinction) |  |  |
| U.G. Project work | - “Performance evaluation of light weight aggregate concrete in |
|  | different curing regimes”, under the guidance of Dr. S.Girish, Professor, |
|  | Dept. of Civil Engineering, BMSCE Bangalore. |  |  |
| **Diploma in Civil Engineering** | **- June 2008 – Karnataka Polytechnic, Mangalore.** |  |
| Grade | - 72.32% |  |  |  |

**Areas of interest:**

* Design of RCC structures, Design of Precast structures, Design of Steel structures, Design of tall structures, Design of Hydraulic structures, Design of Offshore Structures.

**Publication(s):**

* Vasanth Acharya, et.al., “Performance evaluation of multistory car parking structure under strength irregularities by push over analysis”, IJRET, vol.3, special issue 3, May 2014.

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| **Salary & Notification period:** |  |
| Present salary | : 5.4 L.P.A. |
| Notification Period | : 30 days |
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| **Personal information:** |  |
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| Date of Birth | : 14-04-1987 |
| Marital status | : Single |
| Blood Group | : B +ve |
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| Nationality | : Indian |
| Languages known | : English, Hindi, Kannada |
| Hobbies | : Internet surfing, reading, listening to music |
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| **Declaration:** |  |
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I hereby declare that the above written particulars are true to the best of my knowledge and belief.

