

# GANESH HUNASHIKATTI



#320 Shantiniketan nagar, Kelgeri road, Dharwad, Karnataka, India  
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## CAREER OBJECTIVE

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To pursue career in the field of Civil Structural Engineering and work with a progressive organization that provides an opportunity to apply my knowledge and technical skills for the growth of the organization as well as help me in climbing the corporate ladder by my hard work.

## EDUCATION

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- **Indian Institute of Technology Kharagpur**  
Master's in Structural Engineering with CGPA 7.8/10  
2017
- **KLS Gogte Institute of Technology**  
Bachelor's in Civil Engineering with CGPA 8.66/10  
2014

## TECHNICAL SKILLS

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- Working knowledge in design, analysis and modelling of structures in steel and concrete with Industrial Automation and product development.
- Knowledge of Finite element analysis (FEA), Solid mechanics and simulation of different structural geometry using ABAQUS CAE.
- Expertise in Structural Analysis and Design tools such as STAAD-Pro, TEDDS, ROBOT, SAFE, Naviswork, AutoCAD.
- Proficient in computer skills such as Microsoft Office Word, Excel, PowerPoint, Outlook. Microsoft Teams and Asana. Excellent communication and technical writing skill.
- Capable of troubleshoot by simplifying complex calculation and debugging and finding root causes.

## EXPERIENCE

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- **ASETS-LUX CONSULTING LLP**  
Structural Engineer

*March 2019 – June 2020*

- Primary tasks will be Analysis and Design of steel structures using STAAD.Pro.
- Scope of work includes code driven design calculation and developing local calculations using spreadsheets.
- In depth knowledge with standard international specifications and codes i.e., IS codes, ACI, AISC.
- Experience in design of steel structural components Beams, Column, Bracing member as per IS 800 in structures such as Technological structures, equipment supporting structures, Tower, Flare (chimney).
- Estimation of loading conditions such as dead load, Live load, snow load, wind load and seismic load.
- Performing Static and dynamic wind analysis using IS 875 and ASCE 7-10.
- Design of structures for static and dynamic seismic forces.
- Working knowledge of foundation design in concrete pad foundation and Baseplate design.
- Preparation of calculation sheets for connection design in Bolts and Welds.
- Technical liaison with senior for safe design and preparing technical documents.
- To thoroughly check the structural drawings and detailing in liaison with the engineering calculations & 3D model (CAD), considering the construction feasibility & the fabrication details and Quality analysis.
- As a part of product design/validation engineer working closely with internal IT team to assist in develop structural products including self-standing flare (Chimney) and Tower structures.
- Planning and executing work with minimum dependency and reporting progress to team leader.
- Able to coordinate with clients for general queries, comments from approval authority.
- Preparing technical presentations according to company requirements.
- Good coordination and communication skills.

- **UNICCA EMPORIS Pvt. Ltd**

*March 2018 - January 2019*

Junior Design Engineer

- Job duties includes structural analysis and design of steel industrial structures using STAAD-Pro.
- Scope of work also includes code driven connection design using Microsoft Excel.
- Technical liaison with structural consultant and take the approval for design and drawing.
- Technical validation and documentation.

- **COWI INDIA Pvt. Ltd**

*October 2017 - February 2018*

Engineering Trainee

- As a engineering trainee learned design and modelling of Structures in both concrete and steel using Finite element software tools.
- Structural Modelling and analysis of precast concrete structures using NEMSTATIC software.
- Technical documentation using Blue Beam Revu tool.

## **PROJECTS**

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- **Hindustan Urvarak & Rasayan Limited**

Client: Toyo Engineering

Structural Analysis and Design of Flare Supporting Structure Tower for Front End Vent Flare & Ammonia Vent Flare for 60m Derrick Steel structure using STAAD-Pro connect software. Scope of work includes code driven connection Design using IS codes. Job duties also includes preparing construction documents, drawings, reviewing shop drawings

- **100 KTPA CHLOROMETHANE PLANT**

Clients: L&T Hydrocarbon (Gujarat Alkalies & Chemicals Ltd.)

Have performed Analysis and Design of Steel (Technological structure) carrying chemical equipment for structures includes TS-240-01, TS-120, TS- 300, TS-250 & TS-130-01 using STAAD.Pro V8i & Connect software. Providing GA drawings and connection details for the same.

- **Development of a Modern Wholesale Market Infrastructure**

Client:LUXCONSULT Mtius LTD

Job duties includes code driven Steel Structural connection design using BS codes and Tekla Tedds Software tool. Job duties also includes preparing construction documents, drawings and technical liaison.

- **Domain Expert Structural Product Development and Validation (Industrial Automation)**

- As a part of product design/validation engineer working closely with internal IT team to develop structural products including self-standing flare (Chimney) and Tower structure, Pipe rack.
- Development of code driven mathematical calculation sheets for Static and Dynamic Wind and Seismic calculation.
- Preparing technical presentations according to company requirements.

## **INTERNATIONAL PUBLICATIONS**

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- Publication: Science Direct ELSEVIER in Construction and Building materials (Impact factor-4.685) Title- Partially Hydrated Recycled Aggregate Concrete: A Systematic Approach towards Sustainable Development. Here I gained an opportunity to work in a project on "Sustainable and Cost Effective Housing using Recycled Aggregate Based Concrete" under the mega project on Future of Cities by MHRD, Government of India.

## **ACHIEVEMENTS & AWARDS**

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- Secured 3rd rank in Dr.Concrete NIRMAAN ICESS International Civil Engineering Students' Symposium Bangalore.

## **INTERESTS**

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- Travelling and Music

## **ACTIVITIES**

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- Member of the Institute of Engineers (India) Student Chapter (Civil Engineering) SE/590008/GIT/CV for 2011-14
- Engineers Computer Academy Authorized Training Centre for Government of India and Research Engineers International (USA) for course on AutoCAD
- Member of Music Society during BE as vocalist performed in cultural fests like AURA

## **PERSONAL STRENGTHS**

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Initiative, Teamwork, Leadership, Analytical, Collaborative

## **PERSONAL PROFILE**

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- Date of Birth : 15/09/1992
- Marital Status : Single
- Nationality : Indian
- Known Languages : English, Kannada, Hindi
- Passport : R3936735

## **DECLARATION**

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The above information is true to the best of my knowledge and belief.

Date: 03/01/2020

Place: Dharwad