

MUKHARRAM AFZAL JAHAGIRDAR, M.Tech (Structures), B.E(Civil)

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Structural Engineer

PROFILE

Dedicated, versatile & goal-oriented enthusiast ready to apply hands on experience in structural design & detailing of concrete & steel structures with an experience of on field work executions.

- Good working knowledge of current industry software such as **MICROSOFT OFFICE, AUTOCAD, ETABS, SAP2000, STAAD.Pro(Basic), VBA(Macros).**
- Onsite experience of structural inspection & site execution process.
- Strong analytical thinking skills.
- Strong verbal & written communication skills.

EDUCATION

Master of Technology in Structural Engineering |May,2016| Pass with Distinction

[B. V. BHOOMARADDI COLLEGE OF ENGINEERING & TECHNOLOGY,HUBLI,INDIA](#)

- **Relevant modules:** Structural Dynamics; Theory of Elasticity; Advanced Concrete technology; Design of Industrial steel structures; Scientific computing (Scilab /VBA macros/Python).

Bachelor of Engineering in Civil Engineering | May,2014 | Pass with First class

[SECAB COLLEGE OF ENGINEERING & TECHNOLOGY\(VTU\), BIJAPUR, INDIA](#)

- **Relevant modules:** Engineering Mechanics; Strength of materials; Theory of structures ; Reinforced cement concrete; Steel structures; Structural Engineering Design & detailing -I (Concrete structures); Structural Engineering ,Design detailing -II (Steel structures); Concrete technology.

PROFESSIONAL EXPERIENCE

Quality Engineer (Structural Inspector) - [Ahura Builders](#), Pune, Maharashtra Aug, 2016- Present

Project: [Ecopolitan](#) (Precast building)

- Perform all daily inspection and test of the scope and character necessary to achieve the quality of construction required in the drawings and specifications for all works.
- Coordinate with the consultant's representative for inspection and meeting about quality problems including the closure of Non-Compliance Report.
- Taking care of QA/QC documents of the entire project

Design Engineer (Intern) - [Galagali Associates](#), Hubballi-580021, Karnataka Oct, 2015- Dec,2015

- Studying Architectural drawings,
- Structural planning (Column layouts, beams positioning, Slab types, footing types etc),
- Modeling and validation,
- Structural design & Structural detailing.

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ACADEMIC PROJECT EXPERIENCE

M.Tech. Research dissertation

“Cost Optimization of RC Chimney” under guidance of [Dr S.S Bhavikatti](#).

- Analysis and design of RC chimney in C programming and used optimizer tool.

Design project

- Analysis and design of G+7 building. (Analysis in SAP2000, Design in VBA(Macros))
Under guidance of [Dr.Satish Annigeri](#)

B.E Design Project

- Analysis and design of G+4 building using ETABS.

TECHNICAL SKILLS

AutoCAD | ETABS | SAP2000 | STAAD.Pro |MS-word | MS-excel VBA(Macros) | LaTeX | SAFE (Basic) | C Programming | NDT testing

References

- Sagar Rajas, Project Manager, Ahura Builders, ✉️sagar@ahurabuilders.com, 📞 +91-7350810300.

Declaration:

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

[\(Mukharram Afzal Jahagirdar\)](#)