



Example of Structural Engineer Job Description

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Our growing company is looking to fill the role of structural engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for structural engineer

- Serves as project engineer for construction projects at the Chicago Department of Aviation, monitoring work in progress, approving plan changes, inspecting materials and ensuring work is completed according to contract specifications
- Researches new materials, techniques and software for use in projects at the Chicago Department of Aviation
- Proficient in use of structural analysis software for design of steel and concrete structures and foundation
- Provide Building Structures input on total project delivery for a broad range of projects within the general structural engineering area
- You will be required to carry out analysis/configurations of the structural components of a building
- You will be required to carry out calculation of pressures and stresses on building components
- You will be required to carry out analysis of structural integrity
- You will assist in the preparation and delivery of detailed tender submissions and presentations
- You will be responsible for the preparation of 2D and 3D drawings and plans
- You will carry out preparation of cost estimates

Qualifications for structural engineer

- Bachelor's degree in Civil engineering from a recognised Institute with a minimum of 6 years of industry experience or Masters in Structural engineering from recognised institute with a minimum of 4 years of industry experience
- In addition to proficiency in Indian standards, shall have working knowledge of atleast one of the international codes of practice such as British, American, IBC
- Professional membership of institutes such as IStructE, ICE and working towards chartership
- Working Knowledge of software's such as AUTOCAD, Revit structures