



EXPERIENCED STRUCTURAL ENGINEER

ABOUT US:

Structural Design Group, Inc. (SDG) is a consulting structural engineering firm located in Birmingham, Alabama, serving architects, contractors, and property owners across the United States. Our clients bring us their ideas (church sanctuaries, school campuses, mixed-use developments, office buildings, etc.), and we design the structures that make them stand. Recognized as one of the leading structural engineering firms in the southeast, SDG designs cost-effective, practical structures for healthcare, educational, hospitality, commercial, institutional, and industrial facilities. Founded in 1996, the firm is built on a commitment to excellence in structural engineering and professional services. Applicants can expect to join a team known for creative, responsive solutions, and strong collaboration among experienced engineers. As a member of our team, you will participate closely with senior engineers and/or the principal in charge to provide a better outcome for our clients. Our team currently consists of 11 engineers, 2 drafters, and an office support staff member. We bring nearly 200 years of combined structural engineering experience to our projects. While maintaining a serious commitment to our craft, we strongly support a healthy work/life balance and offer a comfortable working environment.

ROLE DESCRIPTION:

This full-time position is on-site in Birmingham, AL, with the potential for the right candidate to work remotely in Nashville, TN. The engineer will perform structural analysis and design for building projects and prepare calculations, drawings, and technical specifications that meet safety, code, and client requirements. Daily responsibilities include collaborating with architects, contractors, and other engineers, reviewing project documents, coordinating design details, and participating in project meetings. The role involves using CAD and BIM tools to develop and revise structural plans, supporting value engineering efforts, and assisting with construction administration activities, such as responding to RFIs and reviewing shop drawings. The engineer will contribute to multiple project types and must manage deadlines, document work clearly, and maintain exacting standards of quality and professionalism.

QUALIFICATIONS:

- Candidates should possess a solid foundation in structural engineering (structural analysis and detailing) and minimum of 5 years of experience relevant to building structures.
- Bachelor's degree in civil engineering with structural emphasis (Required)
- Master's degree with structural emphasis (Preferred)
- Professional engineering licensure in the state of Alabama (or can obtain within 6 months of hire)
- Knowledge of relevant building codes and standards (e.g., IBC, ASCE, ACI, AISC) and ability to apply them in design.
- Strong analytical, problem-solving, and detail-oriented skills, with the ability to document calculations and decisions clearly.
- Effective communication and teamwork skills, with the ability to work collaboratively with clients and multidisciplinary teams.
- Supervise work of and help mentor and develop less experienced engineers.
- Prior experience with commercial, institutional, or industrial building projects is required.

WHAT WE OFFER:

- Excellent Benefits
- Competitive Salary

Please email cover letter and resume to careers@sdg-us.com.