

Architectural-Engineer

Summary of Position: Creates and reviews architectural designs to assess compliance with customer requirements, building codes and applicable regulations by applying knowledge of construction principles, practices, and materials.

Summary pay range: \$85,000 - \$95,000

Benefits: Discussed during interview process

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Responsibilities

- Designing engineering plans with architectural plans and prototypes
- Analyzing and making alterations to the plans and structures
- Ensuring that prototypes and structures are operating in a manner that supports life and safety codes and requirements to the applicable ICC code manual.
- Outlining project objectives, budget, and timelines
- Visiting and examining construction sites
- Reading and interpreting technical documents and blueprints
- Communicating with clients and advising them on various building projects
- Evaluating building systems and suggesting improvements
- Ensuring compliance with the building codes and safety standards
- Determining the structural integrity of a building
- Providing cost-effective building solutions
- Translates customer requirements into conceptual design by analyzing intended use/occupancy and desired aesthetics, developing preliminary design elements, determining interdisciplinary engineering support requirements, and estimating resource costs and requirements.
- With limited supervision, develops and updates design standards.

Requirements

- Bachelor's degree in Architectural-Engineering or a related field
- Holding a professional and valid engineering or architectural license in Colorado
- Proven work experience as an Architectural Engineer in a reputed Architectural firm or in the Engineering industry
- Complete knowledge of the building codes, safety standards, industry trends, and regulations
- Familiarity with CAD software: AutoCAD and Revit Structure/Architecture
- Ability to read and interpret technical drawings.
- Good time management and organizational skills
- Strong analytical and problem-solving skills
- Good communication and interpersonal skills
- Willingness to travel to different locations.
- Ability to work independently and collaboratively.
- Having an eye for detail with strong leadership skills