

## SENIOR MECHANICAL ENGINEER

Join our team at TowerPinkster and open a new door to an amazing career! TowerPinkster, an architecture, engineering and interior design firm based in Michigan, Indiana, and Kentucky, is looking for a talented Senior Mechanical Engineer. This position is responsible for building relationships and collaborating with clients at the planning level to determine solutions and develop Mechanical System plan. In addition, this position is responsible to design mechanical systems for projects from beginning design to completion of construction administration. Responsible for leading design team through development of contract documents of significant scale and/or complexity. Participate in new business development and marketing efforts.

### **POSITION RESPONSIBILITIES & EXPECTATIONS:**

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#### Culture:

- Encourage positive communication among team members and across disciplines
- Create opportunities to enhance teamwork, create inclusion and a positive work environment
- Strive to cultivate equity, respect, integrity, humor, and the celebration of talent

#### Client:

- Perform business development functions, to include marketing, networking to create personal connections and involvement in professional organizations
- Participate in the process of interviewing prospective new clients to understand needs
- Collaborate with client in planning design, determining solutions and scope of project to develop mechanical system plan to meet client needs
- Construct scope of work and determine budget
- Manage existing client relationships and develop relationships with future clients

#### Project:

- Lead project team to create Mechanical System design
- Oversee the production of all phases of construction documents, which include schematic documents, design documents, construction documents, bidding and construction administration
- Conduct facility assessments, field assessments, engineering studies, perform commissioning work and site visits
- Create and write reports and presentations to clients
- Perform as Project Manager on mechanical driven projects
- Lead and coordinate project efforts with other disciplines, clients and construction partners to meet schedule milestones

#### Mentorship:

- Mentor team to share experiences, knowledge, skills, and lessons learned for continuous improvement
- Prepare and review "red lined" documents for Mechanical Designer and Mechanical Engineer growth and development
- Lead, teach and guide other project team members to assist in their growth and development.

#### Mentorship:

- Provide input on work priorities and project scheduling
- Conduct quality control reviews on various projects
- Serve as a mechanical subject matter expert to resolve project issues
- Provide input to department standards and procedures

**POSITION QUALIFICATIONS:**

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- A bachelor's in mechanical engineering Accredited Program
- P.E./Professional Licensure required; State of Michigan preferred  
LEED AP and/or ASHRAE accreditation preferred
- Knowledge and experience in REVIT software, building load programs, engineering software systems and energy modeling
- Extensive knowledge of standards and codes
- 10 years of professional experience
  - Multiple systems-based experience
  - Experience in multiple market sectors, to include commercial, government, K-12 education, higher education, and healthcare
  - Experience in Construction Administration
  - Diverse knowledge in plumbing, fire systems, smoke control, HVAC, engineering controls and sustainability

**What We Offer:**

- We have career opportunities open in Grand Rapids, Michigan, Kalamazoo, Michigan, Jeffersonville, Indiana and Louisville, Kentucky.
- National award-winning culture and a supportive work environment that empowers employees to stay healthy, fulfill their interests and passions, and balance work and life goals.
- Industry leading Total Compensation (Paid Overtime, Performance Bonuses, Profit Sharing)
- Work-Life Balance program providing six (6) additional holidays
- Paid Community Service Hours
- Annual Team Training, Professional Development
- The opportunity to reach your career goals with an award-winning firm

TowerPinkster is a firm of architects and engineers committed to design integrity, quality, and environmental responsibility. Our doors opened in 1953 with just six people and now we have approximately 190 of the best employees in Michigan. At our firm, it's our people who make us different. We have the freedom to explore new ideas, the tools to create innovative strategies and the talent to inspire our clients through interactive design. Our expertise and collaborative, client-centered approach means the best ideas rise to the top. TowerPinkster received the 2021 National 101 Best and Brightest Companies to Work for Award and the 2021 Best Firm Award from Zweig Group. We are proud of this achievement and are thankful for our client relationships, our generous communities and all the employees who contribute to TowerPinkster's exciting and creative culture! Our supportive work environment helps employees reach their career goals, and we have fun doing it!

[www.towerpinkster.com](http://www.towerpinkster.com). We are an Equal Opportunity Employer