

Hildur Binzer

Structural Designer

Details

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(797) 861-0049

1234 Liberty Street, Philadelphia, PA 19103

Profile

Results-oriented Structural Designer with 2 years of experience in the design and analysis of various structures. Adept at utilizing cutting-edge design software and collaborating with multidisciplinary teams to develop innovative, cost-effective solutions. Demonstrated success in delivering projects on time and within budget. Strong commitment to ensuring safety and compliance with industry standards.

Employment History

Senior Structural Designer at O'Donnell & Naccarato, PA

May 2023 - Present

- Designed and supervised the construction of a 500,000 square foot mixed-use development project in Philadelphia, which resulted in a 10% increase in revenue for O'Donnell & Naccarato and garnered industry recognition for innovative design.
- Led a team of 15 engineers and designers in the successful completion of a \$200 million healthcare facility expansion, improving patient capacity by 40% and incorporating advanced seismic and wind-resistant structural systems.
- Developed a comprehensive structural analysis software tool that streamlined design processes and reduced project turnaround time by 25%, resulting in increased efficiency and cost savings for both the firm and clients.

Junior Structural Designer at Pennoni Associates Inc., PA

Jul 2021 - Mar 2023

- Successfully designed and implemented structural modifications for a major bridge rehabilitation project, resulting in a 20% increase in load capacity and extending the service life by 15 years.
- Collaborated with a team of engineers to develop and optimize a cost-effective, sustainable design for a multi-story office building in Philadelphia, reducing material costs by 12% and increasing overall energy efficiency by 18%.
- Streamlined internal design processes by developing a comprehensive library of standardized CAD templates and modeling tools, reducing design time by 25% and increasing overall productivity across the structural engineering department.

Education

Bachelor of Science in Civil Engineering at Pennsylvania State University, University Park, PA

Aug 2017 - May 2021

Relevant Coursework: Structural Analysis, Steel and Concrete Design, Geotechnical Engineering, Transportation Engineering, Environmental Engineering, Fluid Mechanics, Engineering Surveying, Construction Management, and Engineering Economics.