Jennifer Okonkwo

Structural Project Manager

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SUMMARY

Structural project manager with 13 years of structural engineering experience, the last 5 managing building projects up to $250 million for developers, universities and hospitals. Holds Illinois SE and PE licenses, leads teams using RAM, ETABS, SAFE and Revit, and handles project management from fee proposal to closeout in Bluebeam.

EXPERIENCE

Structural Project Manager

04/2021 - Present

Lakefront Structural Group

Chicago, IL

Structural engineering firm of 65 staff designing high-rise and institutional buildings.

- Manage 8 projects at a time, including a 40-story residential tower and a $250M hospital addition.
- Draft fee proposals, work plans and schedules, keeping 90% of projects within budget since 2021.
- Lead teams of 3 to 7 engineers in RAM, ETABS, SAFE and Revit through design and construction.
- Review 1,000 submittals and RFIs a year in Bluebeam with contractors and architects.
- Resolve field issues during construction visits, saving one owner $400,000 on a foundation redesign.

Senior Structural Engineer

06/2016 - 03/2021

Prairie Avenue Engineers

Chicago, IL

Building structures firm.

- Designed concrete and steel framing for 12 mid-rise and high-rise buildings.
- Modeled post-tensioned floors in SAFE and lateral systems in ETABS.
- Mentored 4 engineers and reviewed their calculation packages.

Structural Engineer

06/2013 - 05/2016

Prairie Avenue Engineers

Chicago, IL

Building design group.

- Designed framing for 20 commercial and school projects in RAM and RISA.
- Completed 40 site observations and field reports.
- Calculated wind and snow loads in Excel for 15 roof additions.

SKILLS

- Project Management
- Structural Engineering
- RAM
- ETABS
- SAFE
- Revit
- RISA
- Bluebeam
- Excel
- Leadership Skills

EDUCATION

Master of Science

05/2013

University of Illinois Urbana-Champaign

Urbana, IL

Structural Engineering

CERTIFICATES

Structural Engineer (SE) License

2019

Illinois Department of Financial and Professional Regulation

Professional Engineer (PE)

2017

Illinois Department of Financial and Professional Regulation