

Sanat Dangol

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Dedicated and versatile professional with five years of experience in engineering and architecture. Proven track record in coordinating fieldwork, developing construction documents, and ensuring compliance through code analysis. Skilled in cultivating client relationships and mentoring team members. Committed to delivering high-quality results through collaboration, innovation and attention to details. Seeking to leverage my diverse skill set in a challenging new role.

Skills and Certification:

Technical: Drafting (2D and 3D), Computer-Aided Design (CAD), Hand-drawing and Sketching, Complex Modelling and Parametric Design, Building Information Modeling (BIM)

Design Software: Autodesk AutoCAD, Adobe Illustrator, Adobe Photoshop

3D Modeling: Autodesk Revit, Rhino

Construction Management: Procore

Soft Skills: Project Management, Collaboration and Communication, Problem-Solving Attitude and Attention to Detail

Certifications: OSHA-30, OSHA-10, MTA Track Safety (TS3) Certification

Relevant Experience:

Junior Project Manager | Kagaoan Engineering | February 2021 – August 2024

- Managed, documented and tracked construction progress, conducting insightful data analysis to inform strategic decisions.
- Built and shared reports and construction drawing templates with the team, streamlining documentation processes and significantly reducing the time required for these tasks across all projects.
- Drafted detailed construction documents for Support for Excavation (SOE), including boring tests, boring logs, and soil tests to support project planning and structural integrity.
- Mentored 1 intern and trained 2 new recruits, enhancing team productivity, delegating relevant tasks and accelerating their integration by at least 30%.
- Built and shared report and construction drawing templates with the team, streamlining documentation processes and significantly reducing the time required for these tasks across all projects.
- Installed, troubleshooted and managed vibration monitoring units for single family, multifamily and commercial construction projects worth more than \$70M.
- Promoted within 12 months due to strong performance and organizational impact.

Architectural Designer | Serett Metalwork Corp | September 2020 – February 2021

- Developed comprehensive construction documents during initial design stages, ensuring detailed project plans and effective presentations.
- Conducted rigorous code analysis for construction and design reviews, ensuring compliance and optimizing project efficiency.
- Researched innovative architectural products and systems, integrating them seamlessly into the design lifecycle to enhance functionality and aesthetics.
- Collaborated closely with interdisciplinary teams to streamline workflows and ensure efficient project coordination across departments.

Architectural Associate | Yellow House Architects | December 2019 – August 2020

- Developed and maintained technical documentation and design plans using AutoCAD and Revit, adapting designs to accommodate changes during software development.
- Collaborated with project managers and senior developers to produce deliverables, attended client and stakeholder meetings, documented decisions, and communicated updates.
- Utilized 3D modeling tools for visualizing software solutions, participated in regular coordination meetings with stakeholders, and conducted code reviews and testing as needed.

Education

Masters in Architecture | **Syracuse University** | 2019