

Esther Goulart

Revit & BIM Professional | Manitoba, Canada | esther.roque@gmail.com | <https://www.linkedin.com/in/esthergoulart>

PROFESSIONAL PROFILE

I am a Revit and BIM professional with a background in Civil Engineering and hands-on experience in residential construction, 3D modelling, construction documentation, and design coordination.

My experience includes developing accurate and organized Revit models, producing construction drawing sets, floor plans, elevations and technical details, and coordinating design information with structural, production, and constructability requirements.

I have worked across different stages of the project lifecycle, supporting design development, permit and production documentation, revisions, technical problem-solving, and coordination between project stakeholders. My broader construction background also includes structural drafting, quantity takeoffs, cost estimating, and 5D BIM workflows.

I am particularly interested in BIM-driven environments where accurate modelling, clear construction documentation, multidisciplinary coordination, and practical understanding of how projects are built come together.

WORK EXPERIENCE

Drafting Technician

Conquest Built | Altona, Manitoba, Canada · Hybrid | Jan 2025 – Present

- Developed and coordinated Revit BIM models for custom modular and RTM residential projects, translating established design concepts into accurate construction documentation.
- Produced coordinated Revit drawing sets for permit, production, and site use, integrating architectural, structural, and MEP information while accounting for production constraints, constructability, and detailed elements such as floor plans, elevations, technical details, and cabinetry layouts.
- Implemented the company's transition from an AutoCAD-based 2D workflow to coordinated Revit models, developing and maintaining templates, families, and documentation standards.
- Managed design changes, revisions, and drawing updates, maintaining consistency between models and construction documents throughout project development.
- Collaborated with design, engineering, and production teams to gather technical information, resolve coordination issues, and keep documentation aligned with project and production requirements.
- Worked independently on residential projects with minimal supervision, managing modelling, documentation, revisions, and technical coordination.

Drafter

Fentro Doors & Services | Morden, Manitoba, Canada · Fully remote | Oct 2024 – Jan 2025

- Produced detailed AutoCAD shop drawings and technical documentation for commercial door and hardware systems.
- Interpreted engineering requirements and translated technical information into clear fabrication and installation drawings.
- Coordinated remotely with engineering and manufacturing teams to resolve drawing questions and support production.
- Managed drawing revisions while maintaining required dimensions, tolerances, technical standards, and documentation accuracy.
- Supported manufacturing and installation teams with drawing updates and technical documentation throughout the production process.

BIM Specialist | Cost Engineering

TRÍADE Cost Engineering | São Paulo, Brazil · Fully remote | Aug 2014 – Jul 2024

- Applied BIM and 5D BIM workflows to connect building models with quantity, cost, and project information for construction planning and estimating.
- Developed and analyzed Revit models and parametric families to support quantity takeoffs, budgeting, and project cost analysis.
- Extracted and organized model-based quantities for detailed estimates and evaluated design information from a constructability and cost perspective.
- Collaborated with engineering, estimating, and project teams to evaluate design changes, identify cost impacts, and support project decision-making.
- Used BIM information throughout different stages of the project lifecycle, connecting design documentation with estimating and construction requirements.
- Developed analytical reports and Power BI dashboards to communicate cost performance and project information clearly to project teams.

Structural Drafter

Freelance | São Paulo, Brazil · Fully remote | Jan 2010 – Dec 2014

- Prepared detailed 2D structural drawings and construction documentation in AutoCAD based on structural calculations and engineering design information.
- Worked with engineers to translate structural concepts and calculation outputs into accurate plans, details, and drawing sheets.
- Organized technical information into clear, coordinated, construction-ready documentation suitable for plotting and project delivery.
- Reviewed dimensions, layouts, and drawing information for accuracy and incorporated engineering revisions into final documentation.

EDUCATION

Graduate-Level Specialization in Artificial Intelligence in Construction

IPOS – Instituto de Especialização
Apr 2026 – Expected Apr 2027 | In progress

Bachelor of Engineering in Civil Engineering

Centro Universitário UniMetrocamp · Campinas, São Paulo, Brazil
Aug 2009 – Jun 2014 | Completed