

Sapana Patel (EIT)

Registered in Professional Engineers Ontario

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613 879 2796

Ottawa, Ontario

Ambitious and hard-working Civil engineer with 3 years of experience in civil engineering. Proficient in calculating loads, estimating costs and determining design specifications. Motivated professional with history positively impacting projects through attention to detail and skilled designs.

WORK EXPERIENCE

PROJECT ESTIMATOR

KSL CONSTRUCTION SERVICES LTD.

02/2022 - Present

Tasks

- Analyzing drawings and tender documents to prepare time, cost and labor estimates.
- Managing projects estimates, design specification and construction documents.
- Efficiently completed material orders, resulting in all projects being completed on time and under budget.

ARCHITECTURAL TECHNICIAN

OTTAWA GENERAL CONTRACTORS

04/2019 - 11/2021

Tasks

- Collaborated with architects, engineers and customers to quickly resolve planning and construction issues on over residential and commercial projects.
- Created schematic renderings in AutoCAD and Revit softwares to produce 2D and 3D models.
- Exercised knowledge of Ontario building codes and standards.
- Reviewed completed reports, plans, estimates and calculations for accuracy.

GEOTECHNICAL ENGINEER

PSP PROJECTS LIMITED

06/2015 - 03/2017

Tasks

- Investigated project sites to determine suitability and viability for expansion or repurposing and conducted onsite inspections.
- Tested soil to determine the adequacy and strength of concrete, asphalt and steel foundations.
- Produced and issued precise technical specifications and data sheets.
- Wrote technical reports documenting project progress and specifications.

SKILLS

Ability to read blueprints

AutoCAD and Revit software

Project management

Structural analysis

Cost estimating

Schematic design

Quality control

ACCOMPLISHMENTS

PROJECTS

- Buildings design project on the community center.
- Space planning of medical clinic.
- Prepared working drawings for pre-cast concrete, light wall construction design and concrete masonry.
- Built model of cavity wall detail at parapet.

EDUCATION

Architecture Technician

ALGONQUIN COLLEGE, OTTAWA, ON

09/2017 - 05/2019

Courses

- Working drawings
- Architectural CAD
- Construction Methods & Material
- REVIT Architecture
- Construction Documentation

Bachelor of Engineering/Civil Engineering

LCIT, GUJARAT INDIA

07/2013 - 06/2017

Courses

- Building construction and management
- Advanced surveying
- Design of Reinforced Concrete Structures
- Environmental engineering
- Structural analysis and design
- Steel structures
- Geotechnical Engineering