Hatch is currently seeking Junior Mechanical, Materials, and Chemical Engineers to join their Downstream business unit as a Process/Project Engineer. The Downstream business unit focuses on Rolling and Finishing plants in the Steel and Aluminum sectors. As a Process/Project Engineer, you will be part of an integrated engineering team providing engineering services for large and small capital projects. The Process/Project Engineer will act as a technical resource on challenging projects and will be assigned to work closely with experienced engineers who will provide guidance and mentoring.

**Responsibilities Include:**

* Evaluate Process Alternatives and Equipment/Technology Selection.
* Analyze existing equipment operational data to improve processes (in terms of throughput and/or cost).
* Apply engineering fundamentals to plan, schedule, conduct, and coordinate detailed phases of the engineering work.
* Develop piping and instrumentation diagrams (P&IDs) and piping layouts.
* Develop Equipment Specifications and Data Sheets.
* Interface with equipment suppliers throughout bidding processes and equipment engineering.
* Write Process Description and Control Philosophy.
* Work with a cross-discipline team to assist in creating layouts and piping/mechanical detailed design drawings.
* Develop/assemble construction specifications for piping and mechanical equipment.
* Assist with reviews and engineering analysis of concepts, plans, shop drawings, specifications, and operations manuals to ensure that the design is cost effective to build, operate, and maintain.
* Interface with client’s project team to produce technical and commercial documents/presentations for client project approval and presentations.

**Education and Experience:**

* Bachelor’s degree in Chemical Engineering, Mechanical Engineering, or Materials Science and Engineering.
* 0-3 years of engineering experience.