



R&D Mechanical Engineer

Location: Sydney, NS

Term: Permanent, Full-Time (Days, Evenings)

Anticipated Start Date: As Soon As Possible

- Join a team that is bringing a whole new level of Mass Custom Manufacturing to the top companies in technology and innovation across North America, and beyond.
- Use your engineering background and keen attitude to develop processes and procedures that will help accelerate our overall effectiveness.
- Be rewarded with a competitive annual salary and great benefits, including medical, dental, pension plan, and more.
- Live and work in a community that has quick commutes, affordable homes on generous plots of land, beautiful scenery and friendly people.

About Protocase Inc.

Established in 2001, **Protocase Inc.** is a rapidly expanding company that focuses on combining advances in software with advanced manufacturing techniques to offer unique custom manufacturing to the engineering, design, and research industries. Using the expertise and dedication of 235 employees (and counting), Protocase is proud to have a client base of more than 14,000 customers throughout North America and around the globe. Customers include **Boeing, L3, Raytheon, Google, Apple, Microsoft, NASA, MIT** and many more.

To learn more about the company, visit <http://www.protocase.com>.

About The Opportunity

Protocase is on a rapid growth curve. We are looking for new talent to help expand it, including **entry-level Mechanical Engineers** for our **Research & Development Team**.

We are hiring highly-motivated engineers who hold a degree in mechanical engineering (or a related discipline), and also enjoy being hands-on with things technical. The ideal candidates should be a flexible thinker with excellent problem-solving skills. Above all else, you should have a passion for machinery and making things.

Protocase's entire business model is built around rethinking custom manufacturing in order to remove as much of the craft aspect as possible, and replacing it with well thought-out, repeatable processes. The end result is our customers get highest-quality parts in an extremely fast 2-3 days. As a Protocase R&D Mechanical Engineer, you will be responsible for carrying out a variety of projects that will increase the team's productivity and capabilities.

In this role, you will be responsible for a variety of duties:

- Planning, managing, and overseeing the development, implementation, and evaluation of complex R&D projects
- Developing hypotheses, testing, and documenting results for our operational knowledgebase
- Monitoring progress and performance of projects against the project plan
- Analyzing our stream of work, through process and business metrics, examination of jobs, and by direct observation on the plant floor
- Using your analytic skills and creativity to identify patterns in our stream of work, and come up with process improvements to innovate in order to increase quality and productivity
- Improve existing production stations
- Choose, install, commission, development processes, and integrate new machinery into our work flow

Essential Skills:

- A degree in Mechanical Engineering (or related discipline)
- 2-5 years' experience in an engineering role or similar (We will provide on-the-job training)
- Passion for hands on work with machinery and making things
- Experience and knowledge of manufacturing and/or CNC machining is an asset
- Strong analytic skills, flexibility of thinking and problem solving
- Ability to work with others to successfully steer projects to implement process improvements

About the Benefits

In exchange for your hard work and dedication, you will be rewarded with a competitive salary based on your experience level, ranging from \$42,000 to \$80,000. You'll also receive a variety of benefits, including:

- Medical, Dental, Life Insurance and Group Insurance Benefits at six months
- Two weeks' vacation (three weeks' vacation at three years of employment; four weeks' vacation at five years)
- Company Pension Plan at six months

- Cost-shared YMCA membership for you and your family at three months
- Regular social events, including team lunch & learns and staff parties
- Discounted tickets for Highland Arts Theatre productions
- Access to Protocase Skybox Suite for Screaming Eagles hockey games, as well as tickets for Boardmore Theatre, Celtic Colours International Festival and more

Although our business is growing, our team remains supportive, inclusive and tight-knit. Continuous improvement has always underpinned our success and we actively foster an environment of open communication, creative collaboration and the sharing of ideas.

How to Apply:

- By Email: employment@protocase.com (Please note: "R&D Mechanical Engineer" in the subject line)
- In Person: 46 Wabana Court, Sydney NS from 9:30AM-4:30PM, Monday through Friday