



## **Vehicle Simulation Engineer**

Potential Motors is an automotive SME working on next generation EV technology; we are looking for ambition, drive, and an electric personality to join our growing team. We offer an open and honest work environment, flexibility, and remote work ! The things we will be designing, building, and testing together will give you the opportunity to make an impact in an industry which is being completely disrupted.

You will be responsible for design and implementation of unique vehicle systems for a prototype electric vehicle. You will be developing computer simulations as well as real-life mechanical/electromechanical products with a large focus on safety and quality assurance. The successful engineering applicant will be at the center of the iterative design process and will be involved in the entire design cycle; including initial design, hands-on implementation, testing, and debugging. You should have a strong technical background with experience designing and implementing mechanical systems in vehicles.

Remote work/flexible hours is available (and currently required) but the successful candidate must be willing to relocate to the Fredericton NB area in the near future.

### **What you will be doing:**

- Working with the mechanical/electrical team to design unique vehicle systems related to vehicle dynamics
- Implementing and iterating through designs in CAD software
- Using simulation tools to validate and iterate through designs
- Working with manufacturers to produce parts for prototyping
- Working with the software teams, serving as a subject matter expert to inform their designs

### **What we're looking for :**

- Bachelor degree in Mechanical Engineering

- Experience in vehicle dynamics is required
- Experience in engineering simulation software is required - SolidWorks, Adams, and MATLAB/Simulink is preferred
- Experience in automotive, aviation or related field strongly preferred
- Experience in developing manufacturing processes
- Electric vehicle experience is a plus
- Strong analytical skills, excellent communication skills, and the ability to take ownership to deliver results.

### **Why work with us ?**

- Amazing benefits program including health, dental, and life insurance
- You will have independence and the opportunity to have a real impact
- Loads of hands-on work
- You will get to drive your projects forward, literally!
- Lots of room to grow with the company
- Freedom and flexibility in work-life balance
- A values-driven workplace and strong founding culture
- Employee stock option pool available

Does this sound like you? Would you like to learn more about this exciting career opportunity with our innovative startup team? Please get in touch - we'd love to hear from you! Or if this sounds just like someone you know, please share this job posting.

We thank all who apply, however only those most closely matching these requirements will be contacted for an interview