



## **Automotive Safety System Software Developer**

As an Automotive Safety System Software Developer, you will see the overarching vision and translate that into safe, effective and compliant software, capable of controlling an advanced vehicle through the harshest of terrain. You should have a strong technical background and experience writing safety critical software in QNX. A good candidate for this position possesses a strong understanding of functional safety design for embedded software, and a level of passion and grit to solve exciting but challenging problems.

### What you'll be doing:

- Writing Safety-critical software in QNX
- Translating code into automotive-grade code
- Working towards ISO 26262 compliance standards
- Finding innovative ways to make advanced functionality safety-critical
- Working with teams to make sure their programs are safe
- Using automotive vehicle dynamics understanding, build and architect software to better control advanced vehicles

### What we're looking for:

- Bachelor's in computer science engineering
- 3-5 years of experience in automotive software. Software development in QNX will be an added advantage
- Experience in developing safety-critical embedded systems
- Expert in data structures, algorithms, Object Oriented design principles, design principles
- Excellent C++ coding, python and debugging skills
- Exposure to sensors – cameras, radars, LiDARs
- Must demonstrate strong systems engineering fundamentals

- Capable of performing functional safety analysis on complex software systems.
- Active Safety algorithm experience is a strong plus

#### Why work with us?

- You will have independence and the opportunity to have a real impact - your voice will be heard
- Loads of hands-on work
- You will work with something real - you will see your work driving!
- Lots of room to grow with the company, in position and in learning
- Freedom and flexibility in work-life balance
- A values-driven workplace and strong founding culture
- Health benefit plan

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.

If you are interested in this position, please forward your CV and cover letter outlining how you feel you are qualified for this position to: [indy@potentialmotors.com](mailto:indy@potentialmotors.com)