

Z1 Vehicle Electronics and Calibration Engineer

The Vehicle Electronics and Calibration Engineer position is vital to the continued success and growth of Z1. This position is responsible for design work related to vehicle electronics and calibration of both engine and transmission control units. The Vehicle Electronics and Calibration Engineer will work independently on some projects but will also work closely with Z1's mechanical design team to engineer performance solutions. Use of third party and in-house calibration tools, diagnostic tools, oscilloscopes, multi-meters, power supplies, circuit simulators, and multiple in-house chassis dynamometers, will be regular.

A large degree of creativity and personal motivation is expected. This position requires exercising independent judgment to perform the responsibilities described herein. This job description is not designed to cover or contain a comprehensive listing of activities, duties, or responsibilities that are required by the employee.

Responsibilities:

- Utilize knowledge base, network, and external resources to engineer a solution for end user software delivery.
- Work with existing calibration team to establish an engine calibration portfolio for select Nissan and Infiniti applications
- Design and develop calibration standards for revision control, file management, documentation, and technical support
- Use in-house dynamometers and multiple in-house and third-party calibration tools to calibrate select engines and transmissions
- Work with existing calibration team to develop a scalable model for custom tuning, both in-house and remote.
- Work with mechanical design team to engineer performance oriented electrical hardware

Required Qualifications:

- Passion for automotive tuning and performance
- 5+ years' experience with engine calibration in an aftermarket environment
- 5+ years' experience with automotive electronics
- Basic understanding of software code writing
- Experience with chassis dynamometers
- Experience with oscilloscopes, circuit simulators, and power supplies
- Experience in fast paced production environments
- Ability to appropriately respond to questions from various levels within the organization
- Self-starter, motivated, team focused, and results driven
- Strong time management skills



2877 Carrollton Villa Rica Hwy
Carrollton, GA 30116

770.838.7777
z1motorsports.com

- Proficient in the use of MS Office
- Ability to travel Globally (less than 5% of role)

Preferred Qualifications:

- Bachelor's degree in related field of study
- 3+ years' experience writing code
- Direct experience designing automotive electronics and/or in-line modules
- Transmission calibration experience

Physical Demands:

- Must be able to sit and/or stand for long periods of time
- Must be able to lift 40lbs