

**Position Type:** Full Time **Reports To:** Software Team Lead **Compensation:** Commensurate on Experience

**Position Location:** Ogden, UT

## Description:

The Powerteq software engineer will be responsible for performing software tasks on software development activities, development of cloud services and applications in a .net environment, and existing software maintenance tasking. The software engineer will also be required to perform updates to calibration management software and sustaining maintenance to new and existing databases. The engineer must also work with the hardware and firmware engineering team, Customer Service, Marketing, and IT departments to ensure all stakeholders' needs are well represented.

## Job Requirements and Responsibilities:

- Fundamental understanding of an object orientated language (C, C++, C#, JavaScript, & XML)
- Fundamental understanding of web development & html /ASP.net
- Understanding of web services SOAP/REST
- Knowledge of relational (SQL) and schema-less/non-relational (NoSQL) databases and their tools
- PC Software: MS Visual Studio
- Ability to work independently
- Ability to work in a distributed team oriented environment
- Quick learner of new concepts and frameworks
- Work with Department Leads to create design plans and requirements
- Use Agile software development practices to build and test our products
- Understand the whole product, its modules and the interrelationships between them while being an expert in the assigned component or module
- Learn and use automotive communication standards. (XCP, CAN, J1850 VPW & PWM) a plus
- Break down problems and estimate time for development tasks

## Qualifications & Experience:

- Bachelors or Masters Degree in technical discipline or equivalent experience.
- At least 3 years of software design experience.
- A passion for automotive performance is a plus.
- Expert in C#, .NET, Java, MFC, Software Design Patterns, and other application programming skills
- Strong experience with SQL, SQL Lite, XML and other data base formats.
- Learn and use automotive communication standards. (XCP, CAN, J1850 VPW & PWM) a plus
- Understanding of Software Development Techniques including: Refactoring, WPF, Lambda expressions and closures, Entity Framework, Exposure to NoSQL, preferably MongoDB or DocumentDB, UI software design paradigms (MVC, MVVM)
- Understanding of Software principles and design patterns including: Singleton, Mediator, Chain of Responsibility, Façade, Observer, et al., SOLID principles, Single responsibility, Open/closed, Liskov substitution, Interface segregation, Dependency inversion
- Usage of Source Control Tools: Subversion, Git