

Location: Denver Pay: \$100k-\$140k Position Type: W2 Full Time  
Company Type: 10-50 employees | positive cash flow | 27 y.o



Do you want to work at a small successful company where you can make a real difference?



Are you looking for a position that gives you variety?



Want to work on a product that improves lives and keeps people safe?



Do you enjoy writing, debugging, and integrating software?

## We want to hear from you

In addition to software, Actall makes embedded radio frequency devices to enable the real time location system and personal duress signaling. Actall is growing and as we run more projects in parallel, there is more front end, back end, and integration work we need to get done. These projects occupy a spectrum of technologies and activities. In addition to solid C# skills, we hope to find a candidate who can assist with many of the following:

- Adding features to and refactoring the flagship customer application, Crisis Controller in C#
- Create internal utilities for the production team and the site installers as well as network analysis tools and traffic simulators in C#
- Create scripts that run inside linux based RF-to-Ethernet gateways in Node.js
- Write firmware for radio modules in C or C++.
- Create new database schema and queries in SQL
- Create installers for a complex install
- Create a Single Page Application GUI using IIS
- Write Documentation in your favorite word processor
- Develop mathematical algorithms and models for better locating
- Integrating third party software such as Crystal Reports, SQL server, Relay Board Drivers, NAudio, IIS, MQTT paho for LoRa networks, HASP licensing, Wix deployer, .NET Core
- Integrating off the shelf and custom hardware into the system for new radios, RFID readers, ultrasound, output boards etc.
- Optimizing traffic flow through the 900 MHz RF routers customer application, Crisis Controller in C#
- Parse large data sets of customer location data to look for bugs and optimizations
- Mentor other engineers RF-to-Ethernet gateways in Node.js
- Contribute to architecture decisions such as interface design and threading models
- Write unit tests using MSTest and Moq
- Executing and improving processes in Jira, Jenkins, Github, etc.
- Vendor Management
- Help in estimating the level of effort for new features and products
- Understanding customer's technical needs for better locating

Visit [www.actall.com](http://www.actall.com) to learn more about the systems we provide

## Create cool tech with us

And in addition, the Actall Engineering team enjoys cycling, trying new lunch spots, and occasional Rockies games.

## To respond to this opportunity

Please contact [kchristensen@actall.com](mailto:kchristensen@actall.com) for instructions on how to apply.