

Hardware Developer

If you thrive in a work environment that requires strong problem-solving skills and independent self-direction, coupled with an aptitude for team collaboration and open communication this could be a great place to call your home!

You need a strong sense of ownership and be a highly motivated person who is inspired by a start-up environment that requires creative thinking and fast-paced execution. Sound like you? Then contact us.

About the Company

Tenna is an IoT startup company with strong financial backing. We pride ourselves as pioneering the construction and infrastructure technology industry space. Tenna provides innovative solutions to customers looking for competitive ways to better manage and track their assets such as equipment, tools, and materials. We give our customers power to control assets anytime, anywhere.

It's cool stuff

This is an exciting position, where you will work hands-on with high end uControllers and Wireless Modules. You'll get to work with state of the art LoRaWAN, LTE CATM1 and NB-IoT, and Sigfox radios. You'll get in-depth experience with Bluetooth and WiFi as well. You will also build CAN bus solutions. You will get to write software atop these great solutions. You'll work closely with the engineers at our contract manufacturer as you ready your devices for production. You'll interact with end customers and get to see your devices deployed at their work sites. You'll get to say "I designed that!"

Position Description

The Hardware Developer will lead the design of hardware devices for our TennaONE Industrial IoT product line. As a Tenna Hardware Developer, you will join our tightly-knit interdisciplinary team of engineers developing the world's most intelligent and energy-efficient industrial equipment telemetry and tracking system.

Responsibilities

- Provide electrical design for a family of GPS tracking, wireless sensors, and CAN bus products
- Design, testing, and debugging of complex electrical systems
- Responsible for specification, design, testing, regulatory compliance, documentation, and support of Tenna's hardware products
- Collaborate with the team to identify the best technological business solution
- Actively participate in planning meetings
- Continually investigate new technology developments to assure our product line meets our customer's requirements in the most competitive manner

Requirements:

- Work with internal and external customers to define product requirements and resolve product issues
- Excellent problem solving and interpersonal skills
- Comfortable working with software engineers while integrating hardware with cloud base gateways
- Multitask and deliver projects on schedule
- An advocate for efficiency and sustainability
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- Work with software engineers while integrating hardware with cloud base gateways

Key Attributes:

- Desire to build something meaningful, always with the end-user experience in mind
- Is a forward thinker, obsessed with good hardware design and best practices
- Brings passion, innovation and problem solving to every endeavor
- Has a preoccupation with staying on top of industry trends and new technology
- Desire to be personally responsible for production-level hardware
- Leverage all available tools and resources
- Communicates well, both written and verbally

What you need to know:

- Fulltime, onsite.
- Location: Edison, NJ
- Full MDV benefit package, supplemental benefits, and 401k plan offered.
- Candidates will be required to walk through the details of a previous development project in detail to demonstrate circuit design skills and circuit architecture insights.

About the Team

- Hard-working, reliable, resourceful, responsive
- Knowledgeable, smart
- Entrepreneurial, inventors, forward-thinking
- Personable, optimistic, enjoyable, easy to work with
- Direct, honest, sincere