

<b>Job Title:</b>	<b>Software Engineer</b>	<b>Job Category:</b>	Exempt
<b>Department/Group:</b>	Engineering		
<b>Location:</b>	Irvine	<b>Travel Required:</b>	<10%
<b>Reports To:</b>	Development Manager	<b>Position Type:</b>	Full Time
<b>Level/Salary Range:</b>	Competitive	<b>Date Posted:</b>	January 28, 2019
<b>HR Contact:</b>	Dixie Milberg	<b>Start Date</b>	ASAP
<b>External posting URL:</b>	<a href="http://www.phoenixet.com/company/careers-phoenix-energy-technologies">http://www.phoenixet.com/company/careers-phoenix-energy-technologies</a>		
<b>Applications Accepted By:</b>			
Fax or E-mail: 877-408-9170 or <a href="mailto:careers@phoenixet.com">careers@phoenixet.com</a> Subject Line: Careers at PhoenixET <b>Attention:</b> Dixie Milberg/Software Engineer Posting		Mail: PhoenixET Department of Internal Operations	
<b>Job Description</b>			
<b>POSITION SUMMARY:</b>			
This <b>Software Engineer</b> will join our expanding <b>Engineering IOT Gateway Team</b> - responsible for our industry-leading EDX software platform and IOT gateways enabling smart buildings. Our Phoenix IOT 360 solutions connect customer buildings to software, hardware, third party partners and to our cloud applications. As an <b>IOT Software Engineer</b> you will be part of a small programming team reporting to the Development Manager and working closely with executive Engineering leadership. You must meet technical skills assessment and have previous development experience developing complex software technologies at a commercial software company. We offer a competitive compensation package based on experience level.			
<b>ABOUT PHOENIXET:</b>			
PhoenixET is an IoT innovator in smart buildings and connected machines. The company enables buildings to do smart things like alert, measure, and command capital equipment to self-correct or predict the need for service. PhoenixET pairs actionable data with real-time building, asset monitoring and predictive analysis to reduce energy, facilities, and capital equipment costs.			
Culture is king at Phoenix Energy Technologies and we take great pride in our Phoenix Phamily atmosphere and great Team spirit! We offer a great product/service, have exceptional leadership and a close-knit group of knowledgeable and hard-working Team-oriented employees. PhoenixET is truly a great place to work and grow.			
<b>RESPONSIBILITIES:</b>			
<ul style="list-style-type: none"> <li>• Develop new gateways which meet customer, stakeholder and market requirements.</li> <li>• Enhance existing applications and products with major new functionality and maintain existing code base.</li> <li>• Work as part of an Agile development Team. Build fast, fail fast, show progress and adjust.</li> <li>• Produce the right level of design documentation to communicate solution and ease maintenance support down the road.</li> <li>• Work closely with stakeholders on new user interface design and incorporate feedback</li> <li>• Actively participate in go forward solution architecture, framework development and support</li> <li>• Proactively adhere to development best practices, document code, use standard conventions, participate in peer code reviews and give constructive feedback to the Team in a professional manner.</li> <li>• May assist with installing software, configuring applications, testing network connectivity, using debug tools and more to support customer rollout efforts.</li> <li>• Work closely with QA and Engineering Customer Success Team on customer product upgrades and testing.</li> <li>• Work jointly with QA and Engineering Customer Success Team on escalations to help investigate and resolve reported bugs if needed.</li> </ul>			

- Contribute ideas for new product initiatives and roadmaps.

**REQUIRED SKILLS/QUALIFICATIONS:**

- **Must have 5-8 years hands on development experience at a commercial software company**
- Strong C#/.NET framework experience (including System.Net, System.IO, etc.)
- Must have thorough understanding of communication protocols and IOT gateway development; including understanding of different transmission media, UDP, UTP, RS-485, serial, RS-232 and modem desired. Expert level with TCP/IP, sockets, network protocols, HTTP/HTTPS, Win32 or Web APIs, REST interfaces. A plus is experience with Azure IOT, hardware/software gateways and appliances; network monitoring or disparate connector type hybrid SaaS product architectures
- Experience with low level data access and manipulation, understand data types and binary, hex and decimal and how their storage and transport vary by system type
- Comfortable using networking and packet sniffing tools such as Wireshark and Fiddler (or similar)
- Strong commercial programming and design skills (OOP, interfaces, patterns)
- Solid understanding of security both from the networking side, secure design, industry & development best practices; including security authentication schemes, checksum algorithms, SHA256, CRC, MD5, etc.

**DESIRABLE SKILLS:**

- Database programming and design skills (SQL Server, Hadoop/HDI Insight, etc.) – preferred, not mandatory
- Cloud, Web development and UI development with Azure, Azure IOT, ASP.NET, Web forms, HTML5, JavaScript, Angular, MVC - preferred; not mandatory
- Knowledge of flow control, including asynchronous/synchronous, blocking, master/slave, token-ring, etc.
- Systems management, network monitoring, Energy, Utilities industry, building control or building automation systems or other IOT control sensors a major plus
- Experience as a team lead or project lead a plus
- Experience working with Agile, SCRUM, Jira and Atlassian tools

**NON-TECHNICAL SKILLS:**

- Abstract thinker, creative, self-motivated
- High degree of patience and tolerance for ambiguity (non-conformance to standards)
- Detail-orientated, precise and accurate
- Flexible and adaptive nature in devising technical solutions
- Know what you don't know and be ok with it, but be willing to learn anything!

**EDUCATION:**

- Bachelor's degree in a Software Engineering discipline is a plus, Master's degree a bigger plus -- we are open minded and a degree is not required -- relevant hands on experience can be worth more.
- Must thrive and enjoy working with smart people. We hire the best in the industry and have an amazingly talented team and would love to have you join us!