

Job Description - Software Development Engineer**DEPARTMENT:** Solution Services**REPORTS TO:** Senior Director of Solutions

OVERVIEW: CartoPac™ is seeking a Software Development Engineer to join its fast growing team. We are looking for a talented and experienced C++ developer. The ideal candidate will have experience developing on Windows and mobile platforms like iOS and Android - with an understanding cross-OS porting. If you are a high-energy self-starter that values teamwork, exceeding expectations, and thrives in a fast-paced start-up environment - we want to hear from you!

ESSENTIAL FUNCTIONS

1. Design, code, test, debug, and maintain components in our software products
2. Lead by example in following good software process
3. Provide 2nd Tier product support as necessary
4. Attend technical events and tradeshow as necessary
5. Travel to customers and partners as necessary
6. Participate in project scheduling, tracking, and metrics

IDEAL KNOWLEDGE, SKILLS AND ABILITIES:General

- Strong theoretical knowledge of computer science and object oriented design
- Software architecture and design skills - not purely a “coder”
- Knowledge of Service Oriented Architectures – Public and Private Clouds
- Fast learner - ability to pick up new technologies, tools, and methodologies with ease
- Cross-platform development and deployment knowledge
- Disciplined follower of good software process - familiar with several development methodologies
- Excellent problem solving and debugging skills
- A positive can-do and flexible attitude
- Feels comfortable in an environment of rapid change
- Ability to anticipate problems before they occur
- Team player who understands the necessity of business/technical trade-offs
- Excellent communicator, both written and verbal
- Maintains the highest ethical standards and level of integrity
- Someone who can work hard and have fun at the same time
- Limited travel as necessary – both US and International
- Ability to work in the United States

Specific

- Highly skilled in C++, C#, and/or Java.
- OS Platforms – Windows (Must), iOS (Desired), Android (Desired), Windows Phone (Desired)
- GIS industry experience, particularly asset management experience
- Working knowledge of Esri technical platforms
- Understanding of embedded technologies
- Database management, design and implementation
- Knowledge of the GPS system and high accuracy GPS processing

EDUCATION and EXPERIENCE:Minimum Required

- BS in Computer Science and/or Engineering
- 5+ years of software development experience

Desired

- MS in Computer Science and/or Engineering



Know your Assets...with Confidence

ABOUT CartoPac™ International, Inc.:

CartoPac is an enterprise-wide Spatial Asset Management solution provider and expert in the Energy industry. Our mission is to partner with our clients to deliver high integrity management solutions for their critical field assets from the capture of high quality field data to comprehensive reporting, visualization and management of GIS data. CartoPac is headquartered in Fort Collins, Colorado with branch offices in Salt Lake City, Utah, Steamboat Springs, Colorado and Vienna, Austria.