Robotics Software Engineer

Are you looking for an opportunity to not just develop software, but to build a system that will improve U.S. Army autonomous ground systems? As a full-stack developer, you can solve a problem with a complete end-to-end solution in a fast-paced, agile environment. We're looking for a developer with the advanced skills needed to build embedded software products for military robotics applications from vision to production-ready systems.

This role is more than just coding. We need a full-stack developer who will use their passion to learn new tools and techniques, identify and implement system improvements, and collaborate with teammates. You'll analyze the needs and the environment to make sure the solution you're developing considers the current architecture and operating environment, as well as future functionality and enhancements. Join us as we help build systems to shape the military's robotic and autonomous ground systems.

You Have:
• Experience with embedded software development life cycle processes and applications
• Experience with developing in C, C++, C# or Java
• Ability to model, architect, design, develop, code, integrate, test and manage embedded software solutions to provide and sustain operational capabilities within military robotic ground systems and vehicles
• Ability to obtain a security clearance
• B.A. or B.S. degree

Nice If You Have:
• Experience with developing Use Case development, User Stories and Requirements Analysis
• Experience with Agile software tools
• Experience in reverse engineering
• Knowledge of robotic systems to include Robot Operating System (ROS)
• Knowledge of Data Distribution Service (DDS) middleware
• Ability to develop and execute software and electronics lifecycle management, development, transition and sustainment and support plans
• Secret clearance

Clearance: Applicants selected will be subject to a security investigation and may need to meet eligibility requirements for access to classified information.

About Cathan, LLC: Cathan, LLC is a Service Disabled Veteran Owned Small Business (SDVOSB) providing opportunities to service and support Government clients in a number of domains including Engineering Services, Cyber Security, Project Management, Organizational Planning, Software Engineering, and Data Processing.