



Job Description – Software Developer

Purpose:

- To design, develop, test and deploy software applications
- Plan and implement DevOps practices in support of fully automated development environments to include; testing and deployments (TFS Server and TFS Build)
- Understand agile and other development processes and methodologies.

Role:

- Design and develop software using design patterns and best practices.
- Assists in development of high-level design and solution architecture.
- Participation in development, testing and approval of complex software controlled electro-mechanical systems.
- Gather and document software project requirements and solutions.
- Troubleshooting, performing problem analysis and fix bugs; some travel to the customer site may be required to debug or to take care of other software issues
- Plan and execute software package verification, validation and testing activities
- Preparation of software and regulatory documentation, including software documentation, manuals, installation instructions etc.
- Participate in design reviews, project meetings and time/cost budgeting.
- Communicate with different parties – customer, vendor, internal engineering and manufacturing to ensure software applications meet customer requirements and quality standards.
- Meeting project schedules deadlines and budgets.
- Order software tools and services as required for project development.

Education and Experience:

- B.Sc. in Software Engineering or Electrical Engineering
- Excellent oral and written communication skills
- 5+ years' experience in software development, and automated testing, deploying, operating, and/or supporting medium to large scale apps or services.
- 3+ years' experience working in a DevOps role (tools and methodologies)
- Knowledge of software configuration management / version control systems (TFS, git) and branching strategies
- Knowledge of NuGet (administration for production and consumption)
- Performance tuning
- Networking knowledge, is an asset
- Knowledge Communication protocols, is an asset
- Working knowledge of C++, C#, VB, .NET environment
- Working experience applying a lean approach, continuous improvement and waste reduction
- Experience in instrumentation control
- Experienced embedded control systems, is an asset

- Strong analytical, organizational and problem solving skills required
- Some travel to the customer site may be required; when software issues arise and cannot be resolved remotely
- Work hours may vary when software support is required, and our customer site is located outside of Canada in a different global time zone(s)

D & V Electronics Ltd. values their employees. We encourage life-long learning and foster employee personal growth. If you're someone who enjoys working in a creative and innovative work environment, and would like to join our team, please submit your resume and covering letter to: careers@dvelectronics.com or fax us at (905) 264-0502.

We thank all applicants for their interest in our organization, however; only those selected for an interview will be contacted.