



POSITION TITLE: DevOps Software Engineer
DEPARTMENT: Software Engineering
REPORTS TO: Director of Software Engineering
STATUS: Exempt

Revised 2-Aug-2023

ESSENTIAL FUNCTION:

Reporting to the Director of the Software Engineering, the DevOps Software Engineer will contribute to the development of E4D's next generation 3D design software. They will work with an experienced scrum-based software development team, participating in technical designs reviews, writing unit tests, and debugging both new and existing code. They will help to streamline E4D's software development process, be responsible for the build system used by the team and oversee making software releases. Lastly, they will oversee various services that the team makes use of such as Jira, BitBucket, and Jenkins as well as contribute to the continuous improvement of software development processes and tools.

KEY AREAS OF RESPONSIBILITY:

- Become familiar with E4D's scanning software technologies
- Work together with development team to implement and integrate new solutions and bug fixes
- Participate in scrum team activities
- Ensure software development tools, environments, build servers, and repositories are always functional and operational
- Work in parallel with software development team to maintain an optimal build environment
- Coordinate with tech leads to tag and create production builds
- Work with the Director of Software Engineering to ensure that software releases are created to meet established schedules
- Digitally sign verified builds and drivers with EV certificate
- Improve the automation of existing development and release processes

EDUCATION & QUALIFICATIONS:

- BS degree in Computer Science or similar engineering discipline
- An understanding of modern software development techniques
- Experience developing in C# or C++ in an Agile/Scrum environment
- Experience with development/deployment tools (Git, JIRA, Jenkins, etc.)
- Working knowledge of managing builds using Microsoft Visual Studio and CMake
- Familiarity with creating installers (NSIS, InstallShield, etc.)
- Proven ability to execute and prioritize multiple, diverse projects simultaneously
- Excellent verbal and written communication skills
- Must be flexible, independent, and self-motivated
- Great Attitude: A great sense of humor, strong commitment, flexibility (ability to respond quickly to changing workloads and priorities), and humble (ability to leave your ego at the door).
- Tenacious Creativity and Innovation: Not accepting of the status quo
- Strong commitment to execution without over complication: Doing what you say every time