

Senior Driver Development Engineer

About Utelogy

Utelogy Corporation is an IT solution company headquartered in Costa Mesa, California that offers intelligent IT management software for monitoring, analytics, and control for AV, IT, and UC technologies. The platform is a hardware agnostic, open architecture, and open standards software system that can sit side by side with other business platforms and tools to provide intelligence and operational insight. Flexible and seamless to deploy, the platform is highly scalable and secure.

Founded in 2009, Utelogy is focused on providing an efficient manner of controlling and monitoring audio-visual devices. When it comes to AV Control and Management, Utelogy has helped corporate, education, and government introduce unprecedented efficiencies and business intelligence.

About the role

Utelogy is a software organisation creating award winning and game-changing software in the Audio Visual/Unified Communication space. As a Senior Driver Development Engineer, you will be responsible for contributing to and maintaining our growing library of device drivers. Drivers are modular pieces of code designed to interface with A/V devices via their APIs/protocols, using multiple network technologies (Telnet, SSH, HTTP, WebSockets, etc). Working extensively in Visual Studio and Github environments, you will have a good understanding of Gitflow and code branch methodologies.

Working closely internally and offering support to our third-party development partners. You will have the ability to engage with others, as well as work independently. You should have a dynamic and driven personality, can solve problems, and contribute to other technical aspects of the platform when called upon.

Responsibilities

- Analyse manufacturer APIs and protocols.
- Develop, maintain and test drivers (existing and new).
- Integrate Utelogy data into third party business intelligence systems such as Microsoft Power-Bi.
- Conduct research into the market and the next integration opportunities.
- Be a technical point of contact for our manufacturer partners.

Candidate Requirements

- Excellent working knowledge of .NET Framework v4.5.2 and the C# programming language.
- Solid understanding of design patterns and use of third-party frameworks.
- Good understanding of multithreaded programming techniques.
- Good understanding of IP networking (SSH, HTTP(s), WebSockets, etc).
- Good understanding of server infrastructure (specifically Windows Server).

- Good problem-solving skills.
- Ability to work both independently and collaboratively.
- Creative thinker and team player.
 - Understanding of the AV or UC market is desirable.
 - Knowledge of A/V programming languages such as AMX Netlinx, Crestron Simpl# and Extron Python is desirable.