

ROMA K.

C++ DEVELOPER

+380970177443 COMPANY@NOLT-TECHNOLOGIES.COM, UKRAINE, KHMELNYTSKIY CITY.

SUMMARY

- Engineered and deployed a comprehensive driver installation system using C++ and the Windows SDK, achieving a 40% reduction in manual intervention and a 30% increase in installation accuracy.
- Enhanced remote printer management tools utilizing TCP/IP architecture and the SNMP protocol, resulting in a 15% improvement in data transfer efficiency.
- Developed a custom GUI with the Windows MessageBox API, elevating user satisfaction by 35% through enhanced interaction and accessibility.
- Designed and implemented a cross-platform application using Qt Framework, streamlining the development process and providing a consistent user experience across multiple operating systems.

SKILLS

PROGRAMMING LANGUAGES:

C++ (11 Standard), C++ (14 Standard), C++ (17 Standard).

DEVELOPMENT ENVIRONMENTS & TOOLS:

Microsoft Visual Studio, Windows SDK, CLI (Command Line Interface), Windows Console, Windows Terminal, PowerShell, UAC Control, Daemon Processes, Self-Install / Self-Uninstall.

LIBRARIES & FRAMEWORKS:

Qt Framework, Windows.lib, Shell.File.lib, Shell.dll, Windows.h, Shell.h, Windows Print API, PrintUI, Device Stack API, Windows MessageBox API, DialogBox XML Resource Templates.

NETWORK & PROTOCOLS:

Windows Sockets, TCP/IP Architecture, HTTP Protocol, SNMP Protocol, IPP Protocol, USB Protocol.

DEVICE MANAGEMENT:

Print Server, Printer Connections, Windows MessageBox GUI, InfVerif, Custom JSON Parser.

LANGUAGES

B2 (Upper Intermediate) English level

Native Ukrainian