**Benjamin Telford**Senior Software Engineer  
[BenjaminTelford0813@gmail.com](mailto:BenjaminTelford0813@gmail.com), Bothell, WA, United States

**Summary**- Program language : C/C++/C#, Java, Qt, Python, Bash, Javascript, XAML, QML  
- Cloud Service : AWS, GCP, Azure   
- Desktop GUIs (WPF, WinForms, UWP, WinUI, JavaFX, Swing, SWT, Qt)  
- Themes (Pluggable look & feels, custom controls & designs)  
- GUI Builders (Visual Studio, Eclipse, NetBeans, Qt Creator)  
- GUI Libraries (Telerik components, DevExpress UI controls)  
- Web UI Frameworks (JSF, Pivot, GWT, Vaadin, Electron)  
- Back-end (Java / Jakarta EE, JSP, Servlets, Spring, EJB)  
- Database (JPA, JDBC, PostgreSQL, Hibernate)  
- App Life Cycle (Git, Maven, JUnit, NuGet, MSBuild, QMake)  
- Packaging & Deployment (Installers, NSIS, Wix, App store bundles)

I am a Senior Software Engineer with more than 7+ years of experience on range technologies related to ML,DL,C/C++,Qt development.  
  
**Professional Experience   
  
Senior Software Engineer | Photofocus**Photofocus, California, United States  
04/2019 – 12/2022  
In the team responsible for creating and maintaining the company’s SDK and ImageViewer-camera calibrator.  
- Development of an existing program. It reads and processes a 10Gb/s Ethernet stream of images  
- Built using C++ for the backend and Qt for the frontend. Multi-platform(Windows/Linux)  
- Created various image analysers and 3D analysers  
- Revamped and UI  
- GTest and QTest for Unit testing  
- UI is written in QWidgets  
- Build system in Cmake  
  
**Senior C/C++ Engineer**F-Secure, Helsinki, Finland  
08/2017 – 03/2019  
- Collaborated with tech team, escalating issues as needed via ticketing  
- Developed FFmpeg plugins written in C/C++  
- Wrapped the computer vision with the FFmpeg plugins  
- Built Windows, Linux multi-threading services system which monitor  
- Analyzed and resolved video infrastructure faults and undertook routine  
  
**C++/C# .NET remote team Developer | Microsoft**  
Microsoft, United States  
12/2016 – 07/2017  
Vendor developer on Microsoft Dynamics AX 2012 CRM solution  
Responsibilities and Key Accomplishments  
- Fix bugs and develop new version of Microsoft Dynamics AX  
- Work as member of Setup team: Develop setup code and fix setup related bugs  
- Analysis and diagnostic defects of the product  
Technologies: C#, .NET, MSI, Wix, Microsoft Windows Server 2008, IIS, CoreXT, Source Depot, Product Studio, TSQL, MS SQL Server, SharePoint   
 **Education**  
Bachelor’s degree, Tampere university, Tampere, Finland, Computer science, 2010 – 2014  
  
**Skills**  
- Program language : C/C++/C#, Java, Qt, Python, Bash, Javascript, XAML  
- Cloud Service : AWS, GCP, Azure   
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**Language**English : Native